

L Number	Hits	Search Text	DB	Time stamp
1	517	544/208	USPAT; US-PGPUB; EPO; JPO	2003/07/11 16:38
2	726	544/209	USPAT; US-PGPUB; EPO; JPO	2003/07/11 16:38

L Number	Hits	Search Text	DB	Time stamp
1	517	544/208	USPAT; US-PGPUB; EPO; JPO	2003/07/11 16:38
2	726	544/209	USPAT; US-PGPUB; EPO; JPO	2003/07/11 16:38

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Feb 24	PCTGEN now available on STN
NEWS 4	Feb 24	TEMA now available on STN
NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS EXPRESS	April 4	CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may

10040370

V. Balasubramanian

result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:31:04 ON 11 JUL 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

ENTRY TOTAL

FULL ESTIMATED COST

0.21 0.21

FILE 'REGISTRY' ENTERED AT 16:31:09 ON 11 JUL 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 JUL 2003 HIGHEST RN 546060-09-7

DICTIONARY FILE UPDATES: 10 JUL 2003 HIGHEST RN 546060-09-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\10040370.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

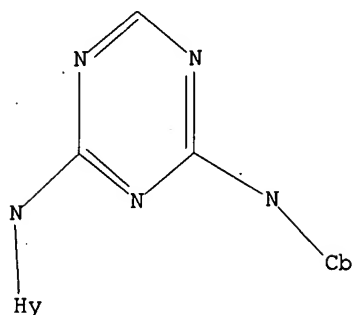
=> d l1

L1 HAS NO ANSWERS

L1 STR

10040370

V. Balasubramanian



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 16:31:45 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 4474 TO ITERATE

22.4% PROCESSED .. 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

33 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 85471 TO 93489
PROJECTED ANSWERS: 2223 TO 3681

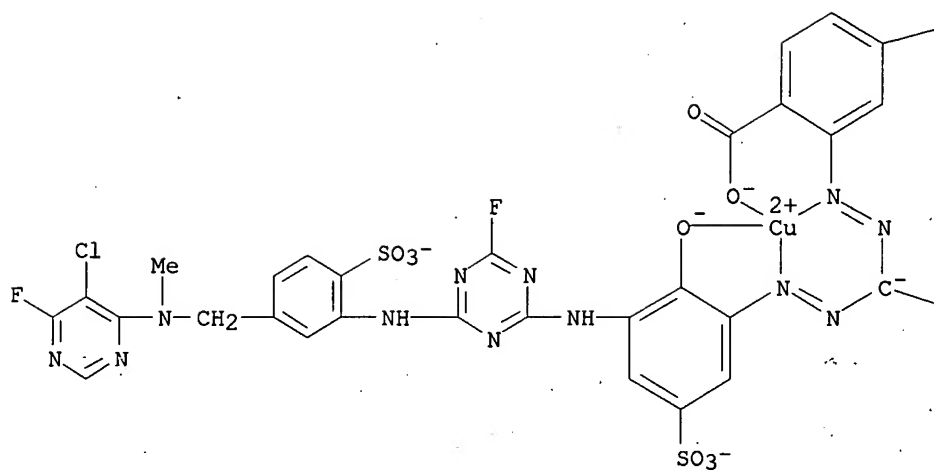
L3 33 SEA SSS SAM L1

=> d scan

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN Cuprate(4-), [2-[[[3-[[4-[[5-[[5-chloro-6-fluoro-4-pyrimidinyl)methylamino)methyl]-2-sulfophenyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]-2-hydroxy-5-sulfophenyl]azo]phenylmethyl]azo]-4-sulfobenzoato(6-)]-, tetrahydrogen (9CI)
MF C35 H21 Cl Cu F2 N12 O12 S3 . 4 H
CI CCS

10040370

PAGE 1-A



PAGE 1-B

—SO₃⁻

● 4 H⁺

—Ph

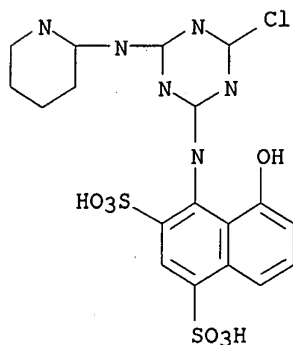
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):32

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN 1,3-Naphthalenedisulfonic acid, 4-[[4-chloro-6-(2-pyridinylamino)-1,3,5-triazin-2-yl]amino]-5-hydroxy- (9CI)

MF C18 H13 Cl N6 O7 S2

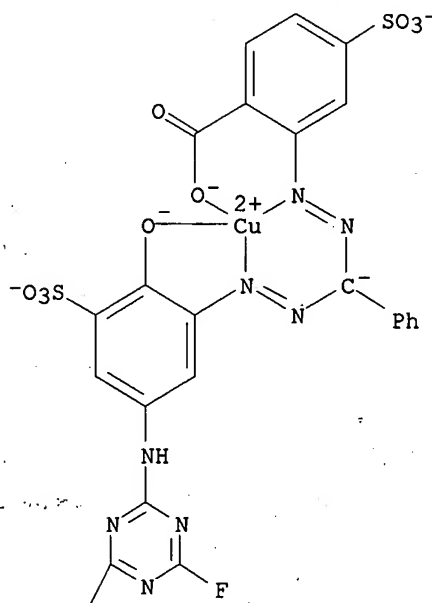
10040370

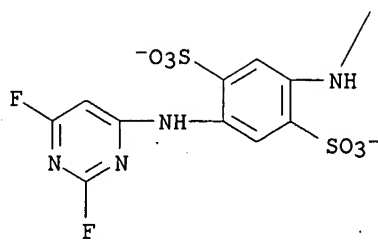


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(5-), [2-[[[5-[[4-[[4-[(2,6-difluoro-4-pyrimidinyl)amino]-2,5-disulfophenyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]-2-hydroxy-3-sulfophenyl]azo]phenylmethyl]azo]-4-sulfobenzoato(7-)]-, pentahydrogen (9CI)
 MF C33 H16 Cu F3 N12 O15 S4 . 5 H
 CI CCS

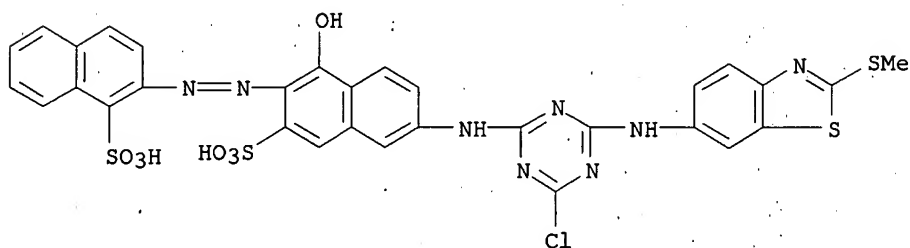
PAGE 1-A





● 5 H⁺

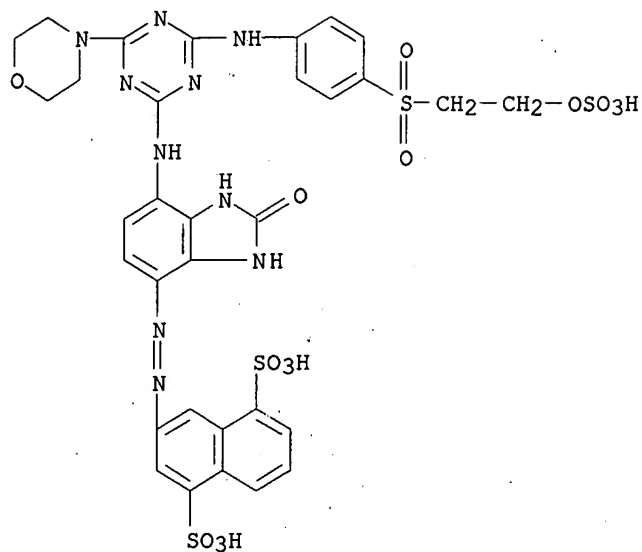
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1-Naphthalenesulfonic acid, 2-[[[6-[[4-chloro-6-[[2-(methylthio)-6-benzothiazolyl]amino]-s-triazin-2-yl]amino]-1-hydroxy-3-sulfo-2-naphthyl]azo]- (8CI)
 MF C31 H21 Cl N8 O7 S4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

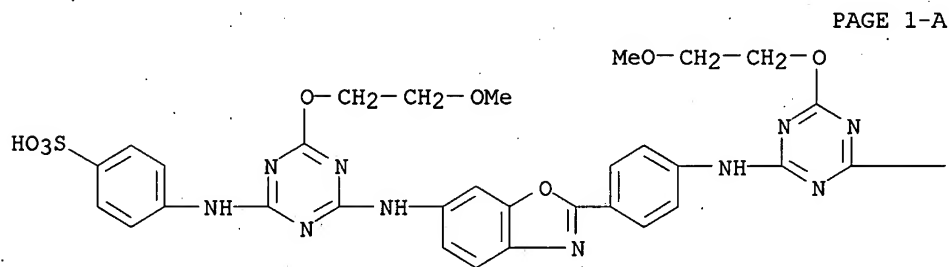
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,5-Naphthalenedisulfonic acid, 3-[[[2,3-dihydro-7-[[4-(4-morpholinyl)-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-oxo-1H-benzimidazol-4-yl]azo]- (9CI)
 MF C32 H30 N10 O14 S4

V. Balasubramanian



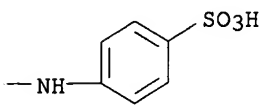
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzenesulfonic acid, 4-[[4-(2-methoxyethoxy)-6-[[4-[6-[[4-(2-methoxyethoxy)-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-2-benzoxazolyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI)
 MF C37 H35 N11 O11 S2 . 2 Na

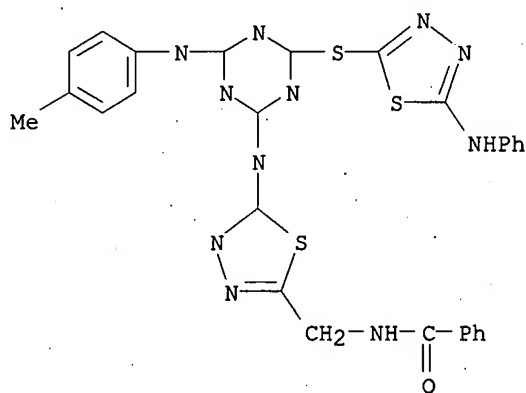


● 2 Na

10040370

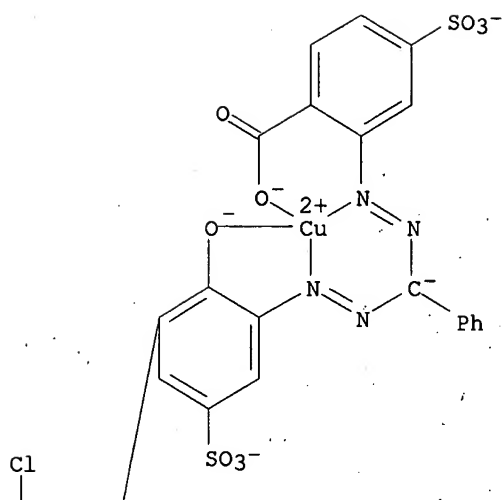


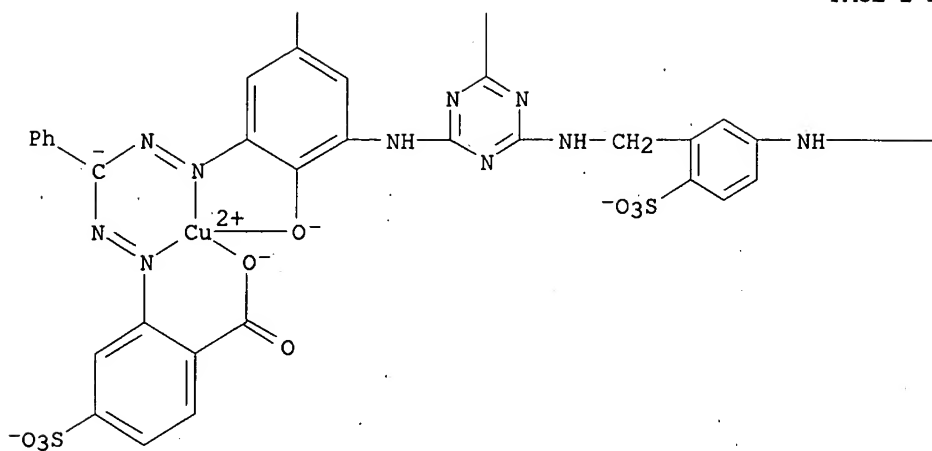
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzamide, N-[[5-[[4-[(4-methylphenyl)amino]-6-[[5-(phenylamino)-1,3,4-thiadiazol-2-yl]thio]-1,3,5-triazin-2-yl]amino]-1,3,4-thiadiazol-2-yl]methyl]- (9CI)
 MF C28 H23 N11 O S3



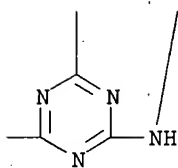
*** FRAGMENT DIAGRAM IS INCOMPLETE ***

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(7-), [.mu.-[2-[[[3-[[4-[[3-[[[4-[[3-[[[2-(carboxy-.kappa.O)-5-sulfophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-2-(hydroxy-.kappa.O)-5-sulfophenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]methyl]-4-sulfophenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-2-(hydroxy-.kappa.O)-5-sulfophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-4-sulfobenzoato(11-)-.kappa.O]]di-, pentasodium dihydrogen (9CI)
 MF C53 H29 Cl2 Cu2 N18 O21 S5 . 2 H . 5 Na
 CI CCS



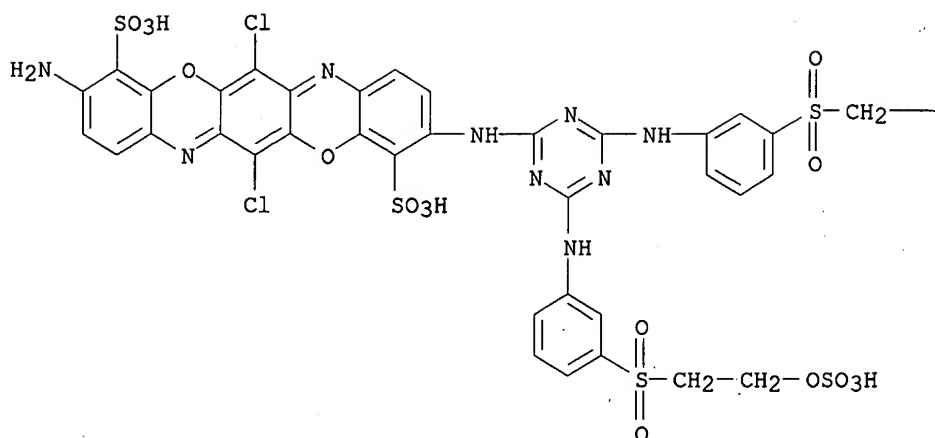


● 2 H⁺



● 5 Na⁺

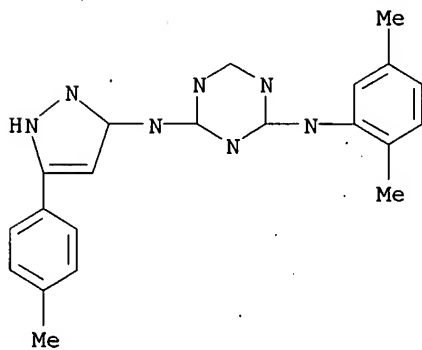
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 4,11-Triphenodioxazinedisulfonic acid, 3-amino-10-[[4,6-bis[[3-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-6,13-dichloro- (9CI)
 MF C37 H29 Cl2 N9 O20 S6



—CH₂—OSO₃H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4-diamine, N-(2,5-dimethylphenyl)-N'-[5-(4-methylphenyl)-
 1H-pyrazol-3-yl]- (9CI)
 MF C21 H21 N7



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

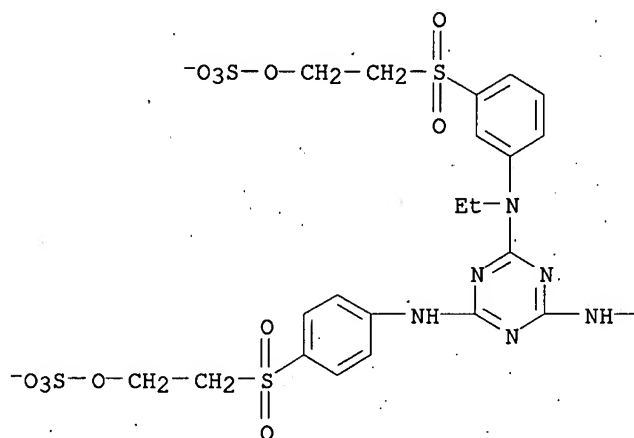
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

10040370

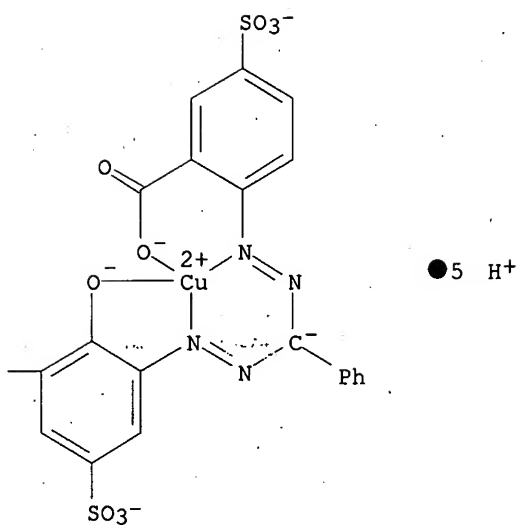
V. Balasubramanian

IN Cuprate(5-), [2-[[[3-[[4-[ethyl[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-hydroxy-5-sulfophenyl]azo]phenylmethyl]azo]-5-sulfobenzoato(7-
MF C41 H33 Cu N10 O21 S6 . 5 H
CI CCS

PAGE 1-A



PAGE 1-B

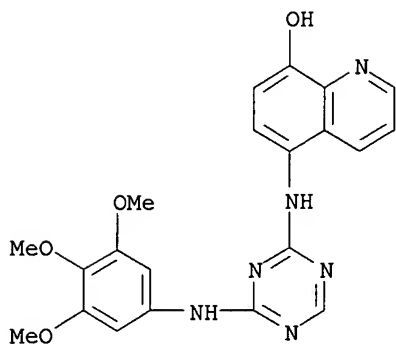


L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

10040370

V. Balasubramanian

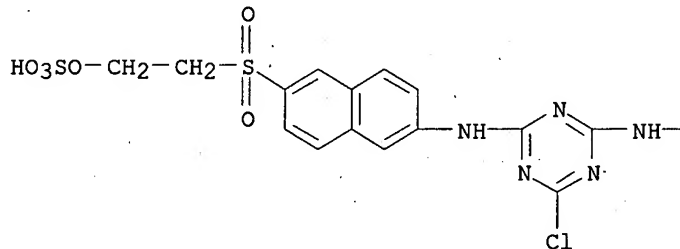
IN 8-Quinololinol, 5-[[4-[(3,4,5-trimethoxyphenyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI)
MF C21 H20 N6 O4



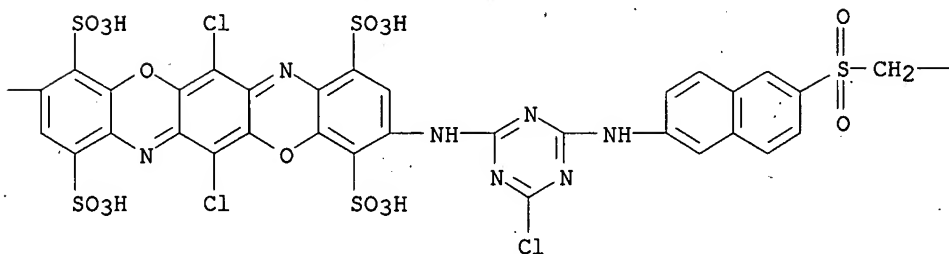
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 1,4,8,11-Triphenodioxazinetetrasulfonic acid, 6,13-dichloro-3,10-bis[[4-chloro-6-[[6-[[2-(sulfooxy)ethyl]sulfonyl]-2-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
MF C48 H32 Cl4 N12 O26 S8

PAGE 1-A



PAGE 1-B

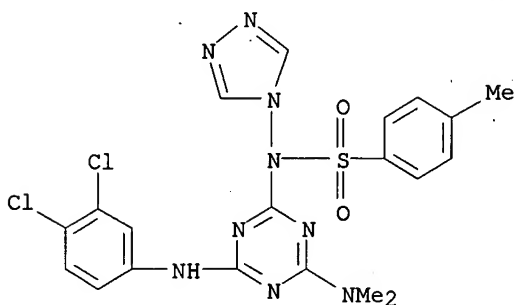


10040370

—CH₂—OSO₃H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

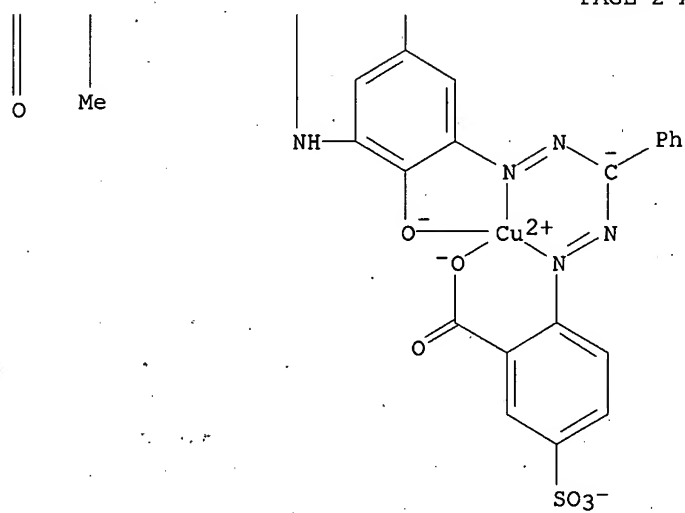
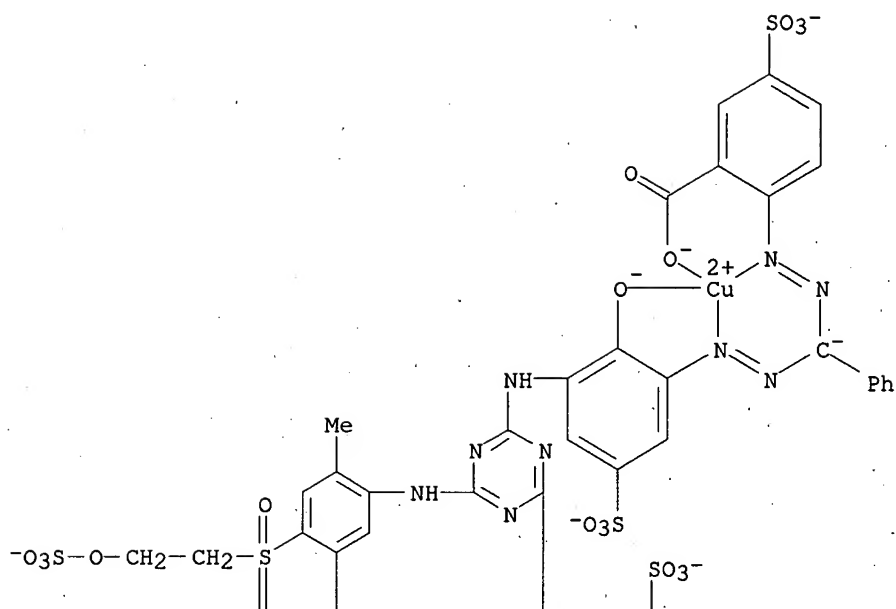
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzenesulfonamide, N-[4-[(3,4-dichlorophenyl)amino]-6-(dimethylamino)-1,3,5-triazin-2-yl]-4-methyl-N-4H-1,2,4-triazol-4-yl- (9CI)
 MF C20 H19 Cl2 N9 O2 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(7-), [.mu.-[[2,2'-[[6-[[2,5-dimethyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-2,4-diyl]bis[imino(2-hydroxy-5-sulfo-3,1-phenylene)azo(phenylmethylene)azol]]bis[5-sulfobenzoato]](11-)]di-, heptahydrogen (9CI)
 MF C53 H35 Cu2 N14 O24 S6 . 7 H
 CI CCS

10040370



● 7 H^+

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

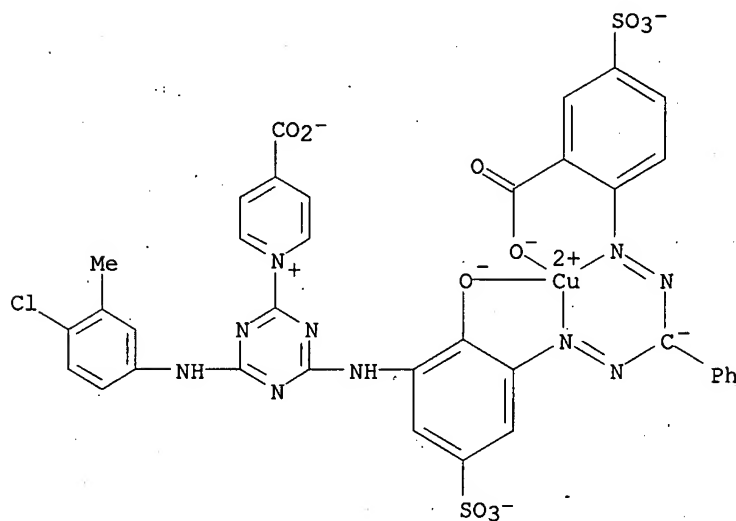
MF C52 H42 C12 N14 O17 S4

[illegible]RN1CCCCC1C

10040370

L3 33 ANSWERS . REGISTRY . COPYRIGHT . 2003 ACS .
 IN Cuprate(3-), [4-carboxy-1-[4-[[3-[[[(2-carboxy-4-sulfo-phenyl)azo]phenylmethyl)azo]-2-hydroxy-5-sulfo-phenyl]amino]-6-[(4-chloro-3-methylphenyl)amino]-1,3,5-triazin-2-yl]pyridiniumato(6-)]-, trihydrogen (9CI)
 MF C36 H22 Cl Cu N10 O11 S2 . 3 H
 CI CCS

PAGE 1-A

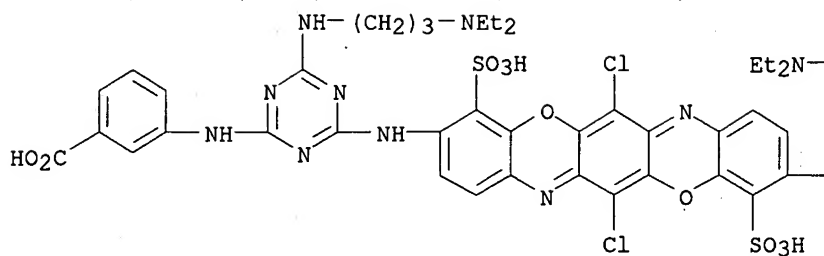


PAGE 2-A

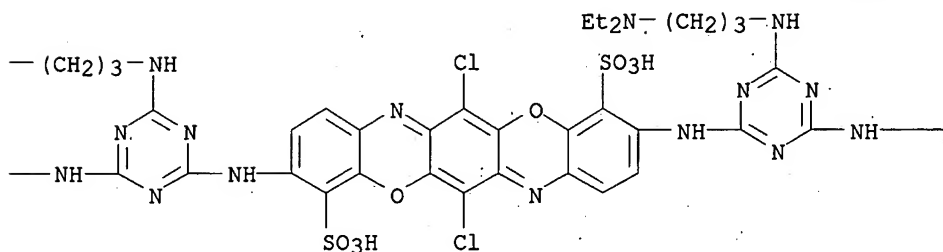
● 3 H⁺

L3 33 ANSWERS . REGISTRY . COPYRIGHT . 2003 ACS .
 IN Benzoic acid, 3,3'-[[6-[[3-(diethylamino)propyl]amino]-1,3,5-triazine-2,4-diyl]bis[imino(6,13-dichloro-4,11-disulfo-10,3-triphenodioxazinediyl)imino[6-[[3-(diethylamino)propyl]amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI)
 MF C80 H79 Cl4 N25 O20 S4

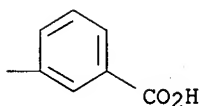
PAGE 1-A



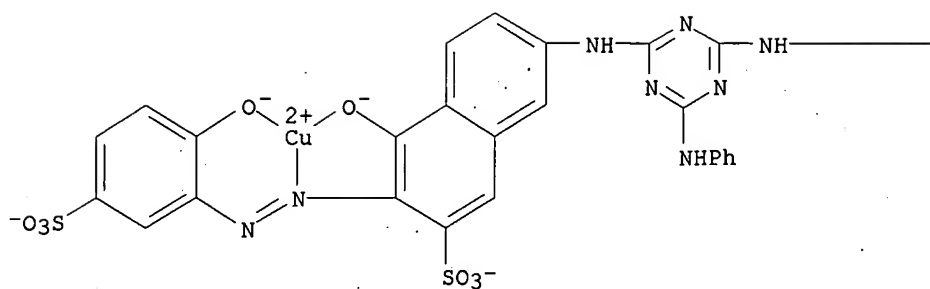
PAGE 1-B



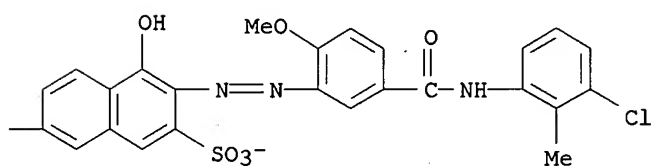
PAGE 1-C



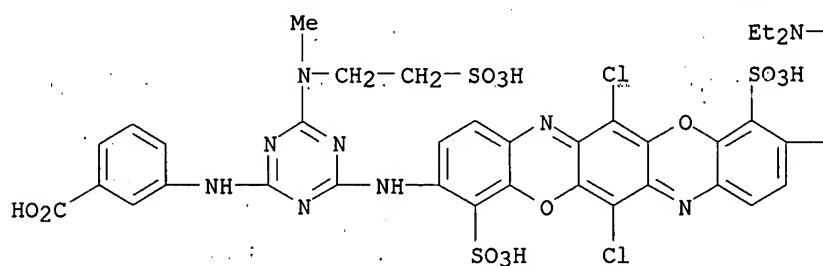
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(3-), [3-[[5-[[[(3-chloro-2-methylphenyl)amino]carbonyl]-2-methoxyphenyl]azo]-4-hydroxy-7-[[4-[[5-hydroxy-6-[(2-hydroxy-5-sulfophenyl)azo]-7-sulfo-2-naphthalenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-naphthalenesulfonato(5-)]-], trihydrogen (9CI)
 MF C50 H33 Cl Cu N11 O14 S3 . 3 H
 CI CCS



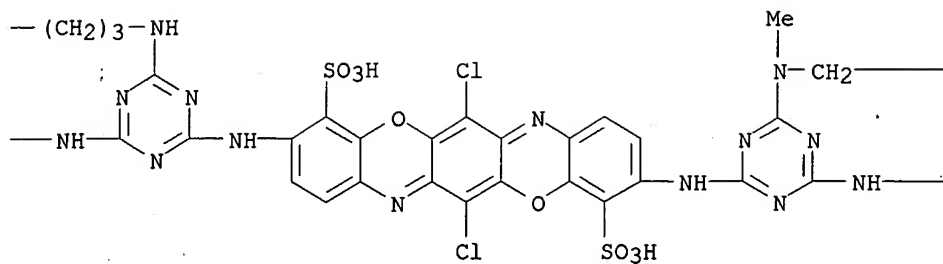
● 3 H⁺



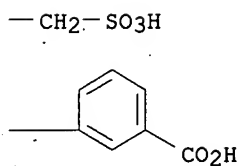
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzoic acid, 3,3'-[[6-[[[3-(diethylamino)propyl]amino]-1,3,5-triazine-2,4-diyl]bis[imino(6,13-dichloro-4,11-disulfo-10,3-triphenodioxazinediyl)imino[6-[methyl(2-sulfoethyl)amino]-1,3,5-triazine-4,2-diyl]imino]]bis- (9CI)
 MF C72 H61 Cl4 N23 O26 S6



PAGE 1-B

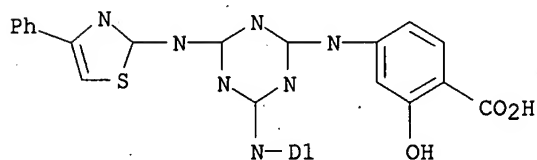
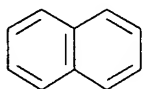


PAGE 1-C



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzoic acid, 2-hydroxy-4-[[4-(naphthalenylamino)-6-[(4-phenyl-2-thiazolyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI)
 MF C29 H21 N7 O3 S
 CI IDS



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

10040370

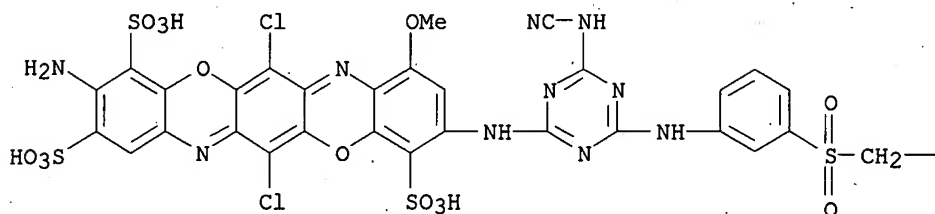
V. Balasubramanian

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN 2,4,11-Triphenodioxazinetrisulfonic acid, 3-amino-6,13-dichloro-10-[[4-(cyanoamino)-6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-8-methoxy- (9CI)

MF C31 H22 Cl2 N10 O18 S5

PAGE 1-A



PAGE 1-B

—CH₂—OSO₃H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

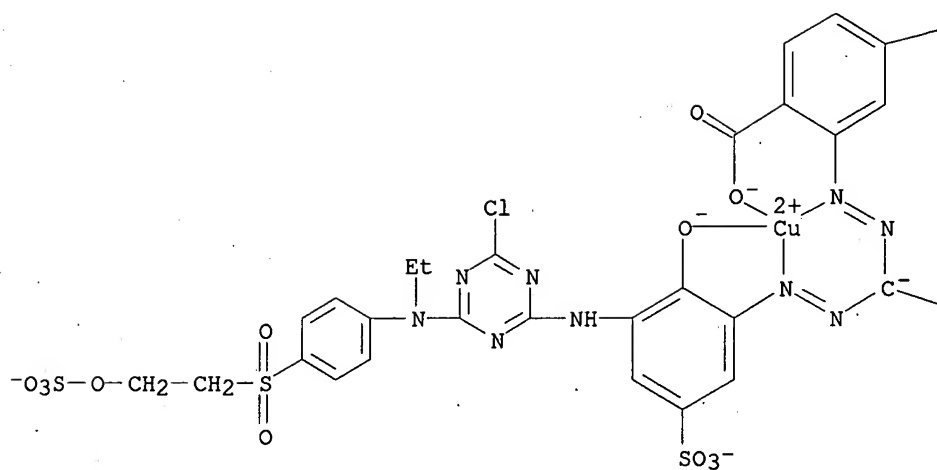
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN Cuprate(4-), [2-[[[3-[[4-chloro-6-[ethyl[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-(hydroxy-.kappa.O)-5-sulfophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-4-sulfobenzoato(6-)-.kappa.O]-, tetrahydrogen (9CI)

MF C33 H24 Cl Cu N9 O15 S4 . 4 H

CI CCS, COM

10040370



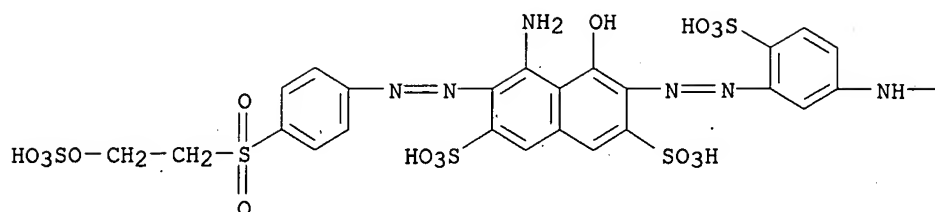
—SO₃⁻

● 4 H⁺

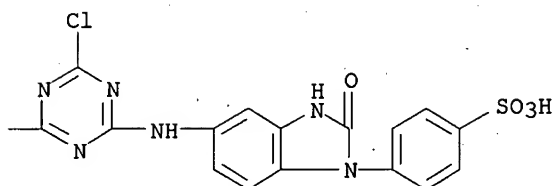
—Ph

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[2,3-dihydro-2-oxo-1-(4-sulfoophenyl)-1H-benzimidazol-5-yl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfoophenyl]azo]-5-hydroxy-3-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]- (9CI)
 MF C40 H31 Cl N12 O20 S6

PAGE 1-A

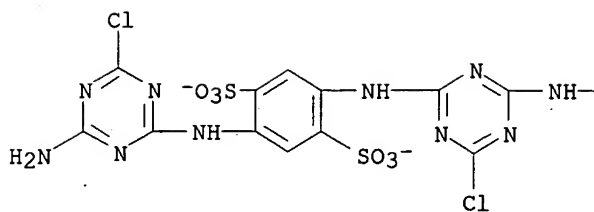


PAGE 1-B

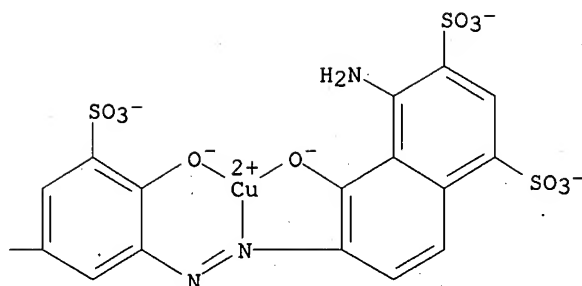


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(5-), [4-amino-6-[[5-[[4-[[4-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-2,5-disulfophenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-2-hydroxy-3-sulfophenyl]azo]-5-hydroxy-1,3-naphthalenedisulfonato(7-)]-, pentahydrogen (9CI)
 MF C28 H14 Cl2 Cu N13 O17 S5 . 5 H
 CI CCS

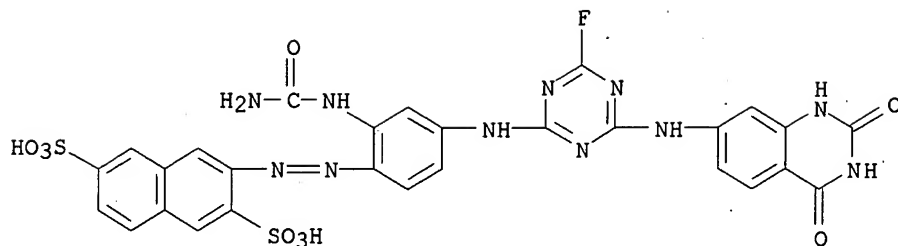


● 5 H⁺



L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 2,6-Naphthalenedisulfonic acid, 3-[[2-[(aminocarbonyl)amino]-4-[[4-fluoro-
 6-[(1,2,3,4-tetrahydro-2,4-dioxo-7-quinazolinyl)amino]-1,3,5-triazin-2-
 yl]amino]phenyl]azo]- (9CI)
 MF C28 H20 F N11 O9 S2

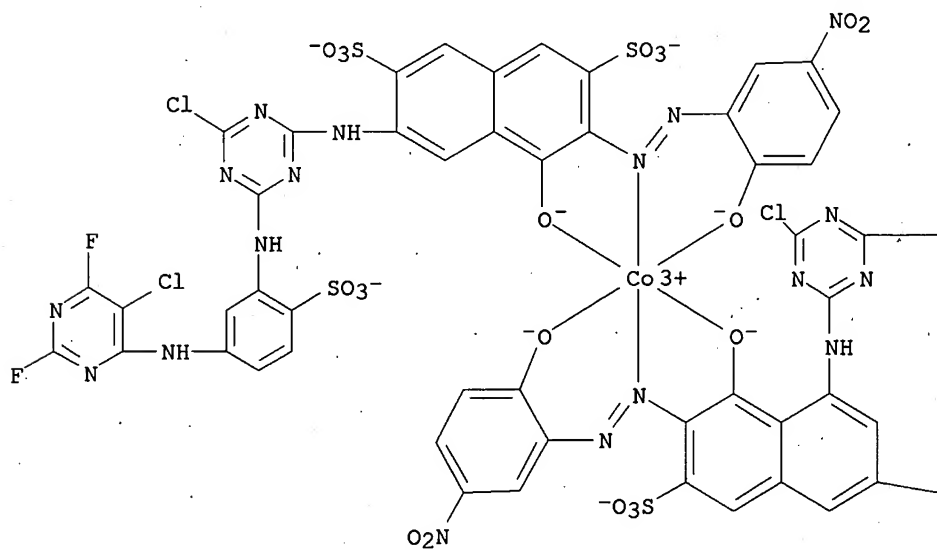
V. Balasubramanian



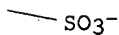
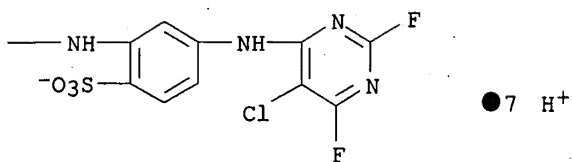
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cobaltate(7-), bis[5-[[4-chloro-6-[[5-[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]-2-sulfohenyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-2,7-naphthalenedisulfonato(5-)]-, heptahydrogen (9CI)
 MF C58 H24 Cl4 Co F4 N22 O26 S6 . 7 H
 CI CCS

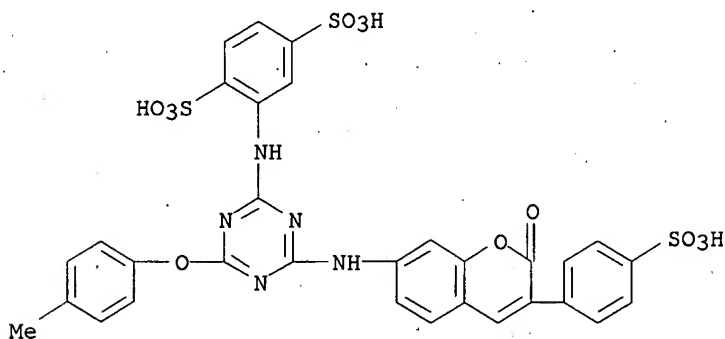
PAGE 1-A



10040370

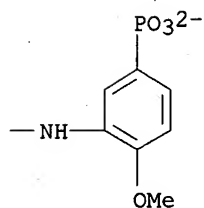
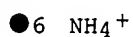
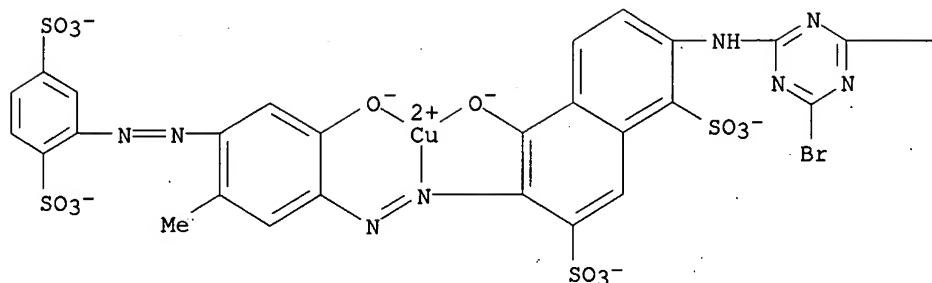


L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,4-Benzenedisulfonic acid, 2-[[4-(4-methylphenoxy)-6-[[2-oxo-3-(4-sulfophenyl)-2H-1-benzopyran-7-yl]amino]-1,3,5-triazin-2-yl]amino]-, trisodium salt (9CI)
 MF C31 H23 N5 O12 S3 . 3 Na



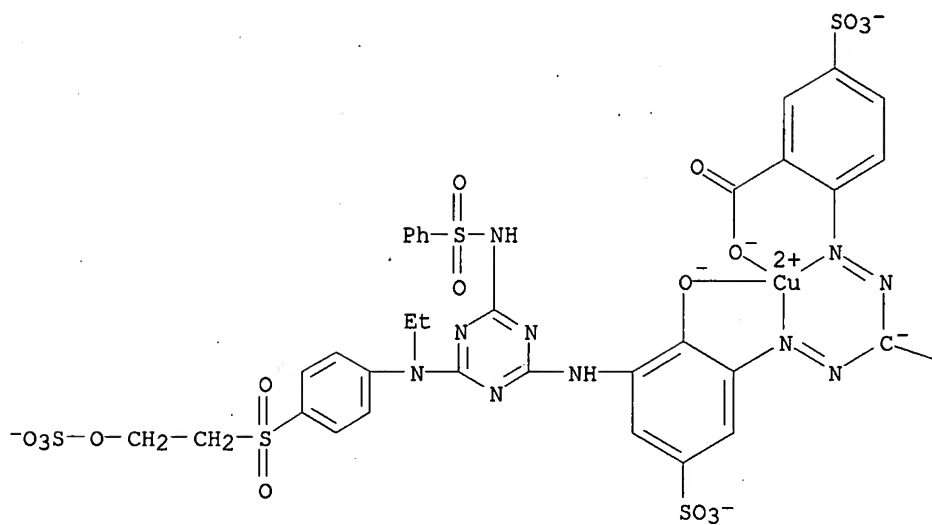
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(6-), [2-[[4-bromo-6-[(2-methoxy-5-phosphonophenyl)amino]-1,3,5-triazin-2-yl]amino]-6-[[4-[(2,5-disulfophenyl)azo]-2-hydroxy-5-methylphenyl]azo]-5-hydroxy-1,7-naphthalenedisulfonato(8-)]-, hexaammonium (9CI)
 MF C33 H19 Br Cu N9 O18 P S4 . 6 H4 N

10040370



L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(4-), [2-[[[3-[[4-[ethyl[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-6-[(phenylsulfonyl)amino]-1,3,5-triazin-2-yl]amino]-2-hydroxy-5-sulfophenyl]azo]phenylmethyl]azo]-5-sulfobenzoato(6-)]-, tetrahydrogen (9CI)
 MF C39 H30 Cu N10 O17 S5 . 4 H.
 CI CCS

PAGE 1-A



PAGE 1-B

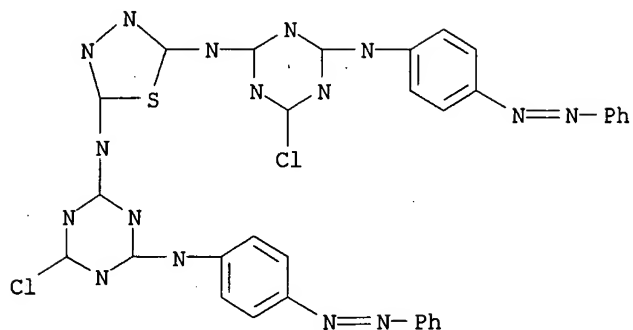
● 4 H⁺

Ph

L3 33 ANSWERS . REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4-diamine, N,N''-1,3,4-thiadiazole-2,5-diylbis[6-chloro-
 N'-[4-(phenylazo)phenyl]- (9CI)
 MF C32 H22 Cl2 N16 S

10040370

V. Balasubramanian

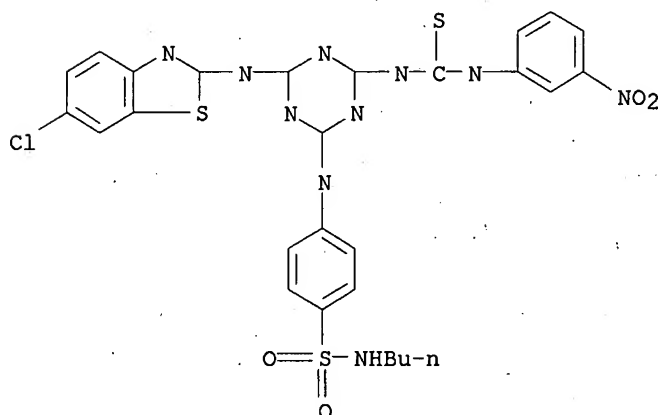


*** FRAGMENT DIAGRAM IS INCOMPLETE ***

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN Benzenesulfonamide, N-butyl-4-[[4-[(6-chloro-2-benzothiazolyl)amino]-6-[[[(3-nitrophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-

MF C27 H25 Cl N10 O4 S3



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

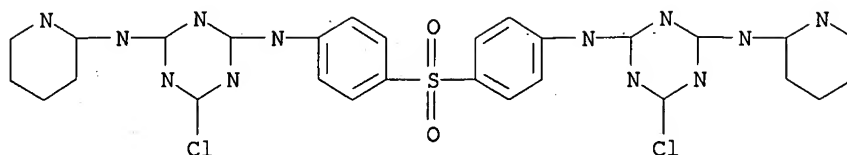
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN 1,3,5-Triazine-2,4-diamine, N,N'-(sulfonyldi-4,1-phenylene)bis[6-chloro-N'-2-pyridinyl- (9CI)

MF C28 H20 Cl2 N12 O2 S

10040370

V. Balasubramanian



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.80

TOTAL

SESSION

1.01

STN INTERNATIONAL LOGOFF AT 16:32:24 ON 11 JUL 2003

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3	Feb 24 PCTGEN now available on STN
NEWS	4	Feb 24 TEMA now available on STN
NEWS	5	Feb 26 NTIS now allows simultaneous left and right truncation
NEWS	6	Feb 26 PCTFULL now contains images
NEWS	7	Mar 04 SDI PACKAGE for monthly delivery of multiframe SDI results
NEWS	8	Mar 24 PATDPAFULL now available on STN
NEWS	9	Mar 24 Additional information for trade-named substances without structures available in REGISTRY
NEWS	10	Apr 11 Display formats in DGENE enhanced
NEWS	11	Apr 14 MEDLINE Reload
NEWS	12	Apr 17 Polymer searching in REGISTRY enhanced
NEWS	13	Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS	14	Apr 21 New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	15	Apr 28 RDISCLOSURE now available on STN
NEWS	16	May 05 Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	17	May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS	18	May 15 Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS	19	May 19 Simultaneous left and right truncation added to WSCA
NEWS	20	May 19 RAPRA enhanced with new search field, simultaneous left and

10040370

V. Balasubramanian

right truncation
NEWS 21 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 22 Jun 06 PASCAL enhanced with additional data
NEWS 23 Jun 20 2003 edition of the FSTA Thesaurus is now available
NEWS 24 Jun 25 HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:23:23 ON 11 JUL 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 17:23:31 ON 11 JUL 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 10 JUL 2003 HIGHEST RN 546060-09-7

DICTIONARY FILE UPDATES: 10 JUL 2003 HIGHEST RN 546060-09-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNnote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

10040370

V. Balasubramanian

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\10040370.str

L1 STRUCTURE UPLOADED

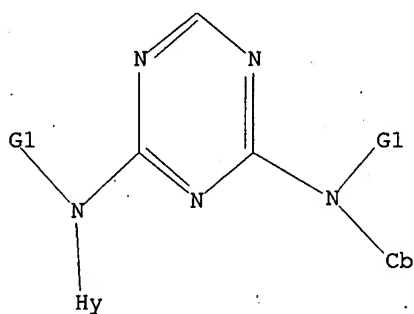
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 17:23:51 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4474 TO ITERATE

22.4% PROCESSED 1000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 85471 TO 93489

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

=> s l1 sss ful

FULL SEARCH INITIATED 17:24:09 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 87413 TO ITERATE

100.0% PROCESSED 87413 ITERATIONS

33 ANSWERS

SEARCH TIME: 00.00.02

10040370

V. Balasubramanian

L4 33 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

FILE 'CAPLUS' ENTERED AT 17:24:19 ON 11 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 11 Jul 2003 VOL 139 ISS 3
FILE LAST UPDATED: 10 Jul 2003 (20030710/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4

L5 21 L4

=> d l5 1-21 bib hitstr

L5 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 2003:319643 CAPLUS

DN 138:338172

TI Preparation of trisubstituted amino triazine compounds which have antitubulin activity

IN Chang, Young-Tae; Schier, Alexander; Moon, Ho-Sang; Jacobson, Eric; Parikh, Puja

PA New York University, USA

SO PCT Int. Appl., 61 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003032903	A2	20030424	WO 2002-US32095	20021009
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,			

10040370

V. Balasubramanian

TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

PRAI US 2001-328422P P 20011012

OS MARPAT 138:338172

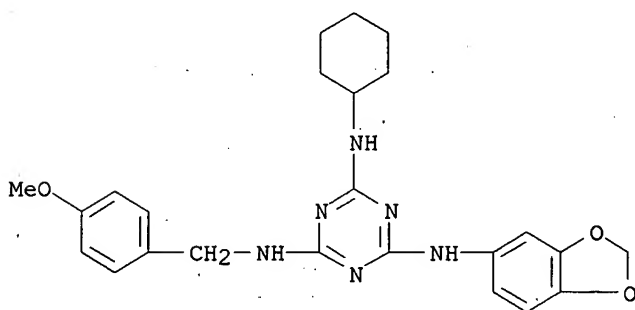
IT 474828-05-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(prepn. of trisubstituted amino triazine compds. which have antitubulin
activity)

RN 474828-05-2 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-(1,3-benzodioxol-5-yl)-N'-cyclohexyl-N''-
[(4-methoxyphenyl)methyl]-, (9CI) (CA INDEX NAME)



L5 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 2003:242296 CAPLUS

DN 138:255256

TI Preparation of triazines as inhibitors of glycosylated protein-produced
induction of the signaling-assocd. inflammatory response in endothelial
cells

IN Timmer, Richard T.; Alexander, Christopher W.; Pillarisetti, Sivaram;
Saxena, Uday; Campbell, Karen A.

PA Reddy US Therapeutics, Inc., USA

SO PCT Int. Appl., 396 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003024926	A2	20030327	WO 2002-US30177	20020923
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,			

10040370

V. Balasubramanian

CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

PRAI US 2001-324147P P 20010921

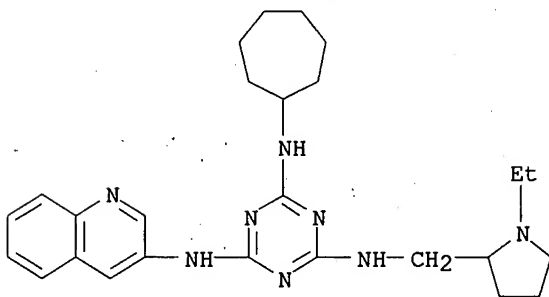
OS MARPAT 138:255256

IT 502766-22-5P, N2-Cycloheptyl-N4-[(1-ethylpyrrolidin-2-yl)methyl]-
N6-(3-quinolinyl)-1,3,5-triazine-2,4,6-triamine 502766-23-6P,
N2-Cycloheptyl-N4-[(1-ethylpyrrolidin-2-yl)methyl]-N6-(6-quinolinyl)-1,3,5-
triazine-2,4,6-triamine 502766-24-7P, N2-Cycloheptyl-N4-[(1-
ethylpyrrolidin-2-yl)methyl]-N6-(8-quinolinyl)-1,3,5-triazine-2,4,6-
triamine 502766-42-9P, N2-(1,3-Benzodioxol-5-yl)-N4-cycloheptyl-
N6-[(1-ethylpyrrolidin-2-yl)methyl]-1,3,5-triazine-2,4,6-triamine
502766-43-0P, N2-Cycloheptyl-N4-(2,3-dihydro-1,4-benzodioxin-6-yl)-
N6-[(1-ethylpyrrolidin-2-yl)methyl]-1,3,5-triazine-2,4,6-triamine
502766-55-4P, N2-Cycloheptyl-N4-[(1-ethylpyrrolidin-2-yl)methyl]-
N6-(2-pyridinyl)-1,3,5-triazine-2,4,6-triamine 502766-60-1P,
2-[[4-(Cycloheptylamino)-6-[(1-ethylpyrrolidin-2-yl)methyl]amino]-1,3,5-
triazin-2-yl]amino]-4-methyl-3-thiophenecarboxamide
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU
(Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study);
PREP (Preparation); USES (Uses)

(drug candidate; prepn. of triazines as inhibitors of glycated
protein-produced induction of signaling-assocd. inflammatory response
in endothelial cells)

RN 502766-22-5 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-cycloheptyl-N'-[(1-ethyl-2-
pyrrolidinyl)methyl]-N''-3-quinolinyl- (9CI) (CA INDEX NAME)

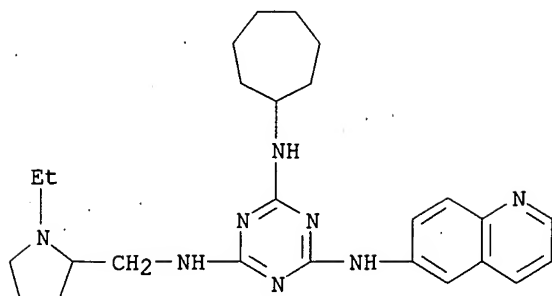


RN 502766-23-6 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-cycloheptyl-N'-[(1-ethyl-2-
pyrrolidinyl)methyl]-N''-6-quinolinyl- (9CI) (CA INDEX NAME)

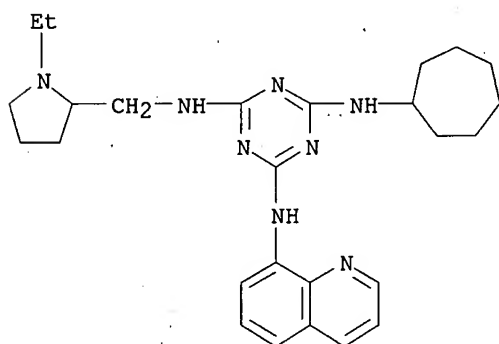
10040370

V. Balasubramanian



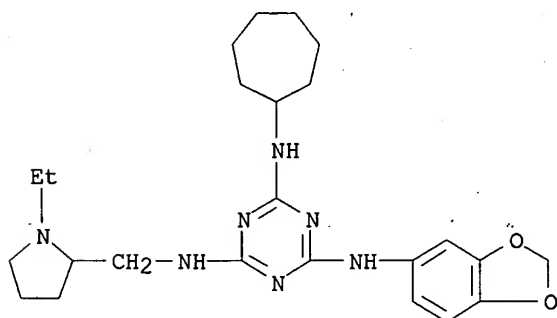
RN 502766-24-7 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-cycloheptyl-N'-[(1-ethyl-2-pyrrolidinyl)methyl]-N''-8-quinolinyl- (9CI) (CA INDEX NAME)



RN 502766-42-9 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-1,3-benzodioxol-5-yl-N'-cycloheptyl-N''-[(1-ethyl-2-pyrrolidinyl)methyl]- (9CI) (CA INDEX NAME)

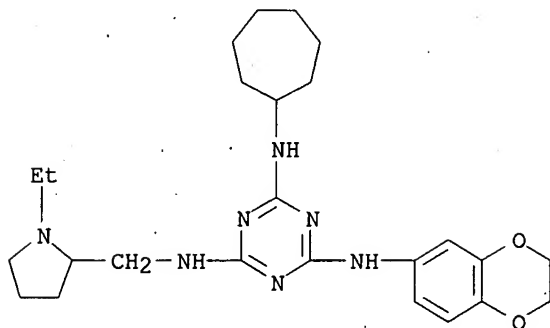


RN 502766-43-0 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-cycloheptyl-N'-[(1-ethyl-2-pyrrolidinyl)methyl]-N''-(2,3-dihydro-1,4-benzodioxin-6-yl)- (9CI) (CA INDEX NAME)

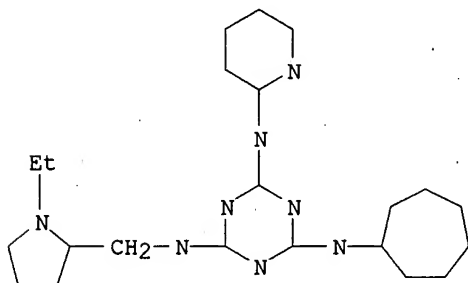
10040370

V. Balasubramanian



RN 502766-55-4 CAPLUS

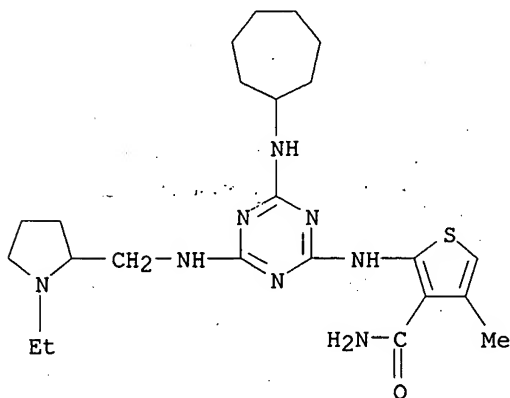
CN 1,3,5-Triazine-2,4,6-triamine, N-cycloheptyl-N'-[(1-ethyl-2-methylpyrrolidinyl)methyl]-N''-2-pyridinyl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

RN 502766-60-1 CAPLUS

CN 3-Thiophenecarboxamide, 2-[[4-(cycloheptylamino)-6-[[[(1-ethyl-2-methylpyrrolidinyl)methyl]amino]-1,3,5-triazin-2-yl]amino]-4-methyl- (9CI) (CA INDEX NAME)



10040370

V. Balasubramanian

L5 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 2003:1186 CAPLUS
DN 138:57470
TI Manufacture of azo compounds for black-dyeing inks
IN Lehmann, Urs; Tzikas, Althanassios; Frick, Marcel
PA Ciba Specialty Chemicals Corporation, USA
SO U.S., 37 pp.
CODEN: USXXAM

DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6500247	B1	20021231	US 2000-495803	20000201
	US 2003024435	A1	20030206	US 2002-60833	20020129
PRAI	EP 1999-810098	A	19990205		
	US 2000-495803	A3	20000201		
OS	MARPAT 138:57470				
IT	479548-11-3P				

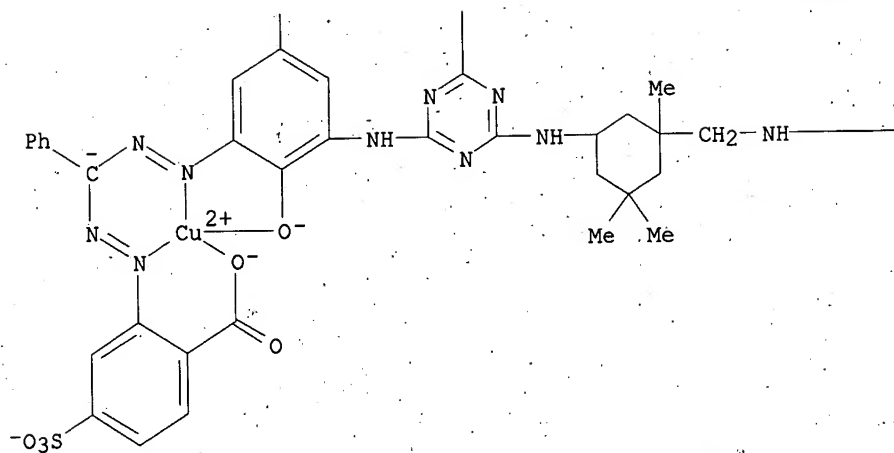
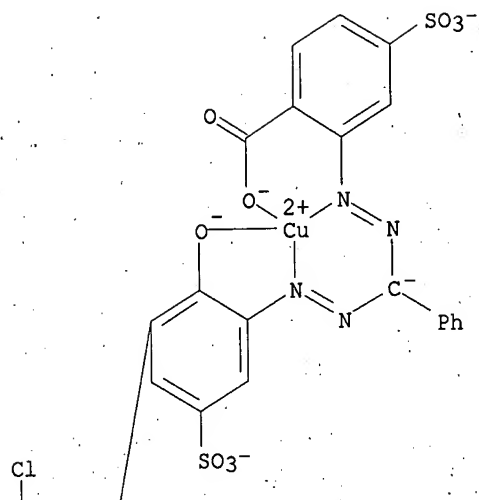
RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(dye compds.; manuf. of azo compds. for black-dyeing inks)
RN. 479548-11-3 CAPLUS
CN Cuprate(6-), [.mu.-[2-[[[3-[[4-[[3-[[4-[[3-[[[2-(carboxy-.kappa.O)-5-sulfophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-2-(hydroxy-.kappa.O)-5-sulfophenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]methyl]-3,5,5-trimethylcyclohexyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-2-(hydroxy-.kappa.O)-5-sulfophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-4-sulfobenzoato(10)-.kappa.O]]di-, hexahydrogen (9CI) (CA INDEX NAME)

PAGE 1-A

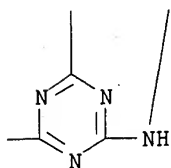
SO3-

Cl

10040370



● 6 H^+



RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 2002:777923 CAPLUS
DN 137:294984
TI Preparation of 2,4-diamino-6-methoxy-1,3,5-triazines as antiviral agents
IN Chung, Yong-Ho; Lee, Chi-Woo; Yang, Wang-Yong; Lee, Hak-Dong; Park,
Whui-Jung; Chang, Yoon-Young; Lee, Jin-Soo
PA Dong Wha Pharm. Ind. Co., Ltd, S. Korea
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002079187	A1	20021010	WO 2002-KR565	20020330
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI KR 2001-17143 A 20010331

OS MARPAT 137:294984

IT 468056-14-6P 468056-15-7P

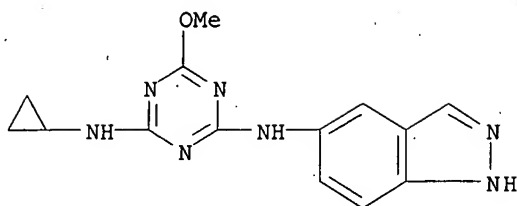
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(drug candidate; prepn. of 2,4-diamino-6-methoxy-1,3,5-triazines as
antiviral agents)

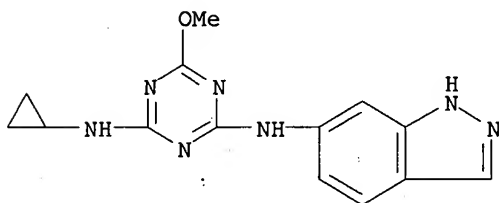
RN 468056-14-6 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-1H-indazol-5-yl-6-methoxy-
(9CI) (CA INDEX NAME)

V. Balasubramanian



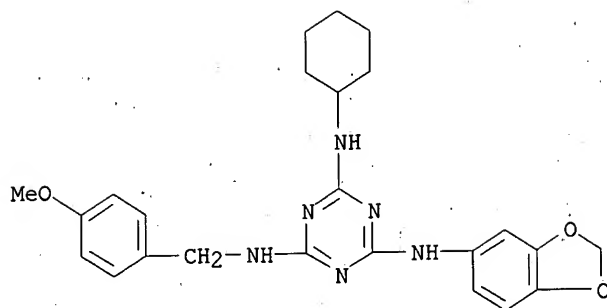
RN 468056-15-7 CAPLUS
CN 1,3,5-Triazine-2,4-diamine, N-cyclopropyl-N'-1H-indazol-6-yl-6-methoxy-
(9CI) (CA INDEX NAME)



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 2002:680214 CAPLUS
DN 137:352992
TI A Novel Microtubule Destabilizing Entity from Orthogonal Synthesis of a
Triazine Library and Zebrafish Embryo Screening
AU Moon, Ho-Sang; Jacobson, Eric M.; Khersonsky, Sonya M.; Luzung, Michael
R.; Walsh, Daniel P.; Xiong, Wennan; Lee, Jae Wook; Parikh, Puja B.; Lam,
Jennifer C.; Kang, Tae-Wook; Rosania, Gustavo R.; Schier, Alexander F.;
Chang, Young-Tae
CS Department of Chemistry, New York University, New York, NY, 10003, USA
SO Journal of the American Chemical Society (2002), 124(39), 11608-11609
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English
IT 474828-05-2P
RL: CPN (Combinatorial preparation); CMBI (Combinatorial study); PREP
(Preparation)
(orthogonal combinatorial synthesis of high-purity triazine-based
microtubule inhibitors)
RN 474828-05-2 CAPLUS
CN 1,3,5-Triazine-2,4,6-triamine, N-(1,3-benzodioxol-5-yl)-N'-cyclohexyl-N''-
[(4-methoxyphenyl)methyl]- (9CI) (CA INDEX NAME)

10040370



RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 2002:539675 CAPLUS

DN 137:93774

TI Preparation of arylaminotriazineamines as telomerase inhibitors

IN Mailliet, Patrick; Riou, Jean-Francois; Alasia, Marcel; Caulfield, Thomas;
Doerflinger, Gilles; Mergny, Jean-Louis; Laoui, Abdelazize; Petitgenet,
Odile; Renou, Emmanuelle

PA Aventis Pharma S.A., Fr.

SO PCT Int. Appl., 39 pp.

CODEN: PIXXD2

DT Patent

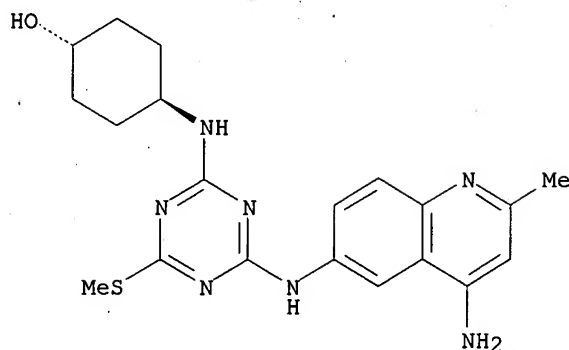
LA French

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002055515	A1	20020718	WO 2002-FR57	20020109
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
FR 2819255	A1	20020712	FR 2001-205	20010109
FR 2819255	B1	20030228		
US 2003078263	A1	20030424	US 2002-40370	20020109
PRAI FR 2001-205	A	20010109		
US-2001-270164P	P	20010222		
OS MARPAT 137:93774				
IT 442565-97-1P 442566-09-8P				
RL:	PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)			
	(prepn. of arylaminotriazineamines as telomerase inhibitors)			
RN 442565-97-1	CAPLUS			
CN	Cyclohexanol, 4-[[4-[(4-amino-2-methyl-6-quinolinyl)amino]-6-(methylthio)-1,3,5-triazin-2-yl]amino]-, trans- (9CI) (CA INDEX NAME)			

V. Balasubramanian

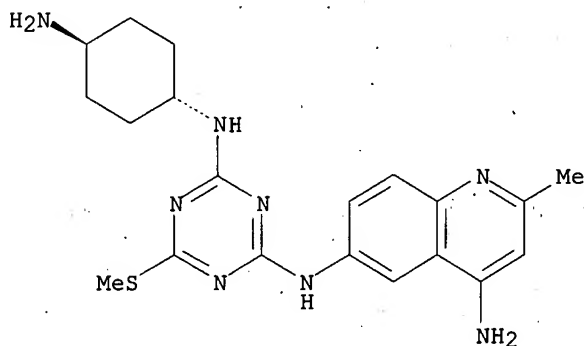
Relative stereochemistry.



RN 442566-09-8 CAPLUS

CN 4,6-Quinolinediamine, N6-[4-[(trans-4-aminocyclohexyl)amino]-6-(methylthio)-1,3,5-triazin-2-yl]-2-methyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 2001:864923 CAPLUS

DN 136:12765

TI Silver halide photographic element and recording material with security pattern and its identification

IN Yabuki, Yoshiharu

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 30 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001330936	A2	20011130	JP 2000-147060	20000518
PRAI	JP 2000-147060		20000518		
IT	376597-36-3				

10040370

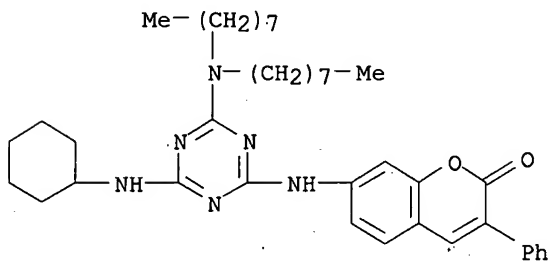
V. Balasubramanian

RL: DEV (Device component use); TEM (Technical or engineered material use); USES (Uses)

(photog film with security pattern formed by fluorescent dye)

RN 376597-36-3 CAPLUS

CN 2H-1-Benzopyran-2-one, 7-[[4-(cyclohexylamino)-6-(dioctylamino)-1,3,5-triazin-2-yl]amino]-3-phenyl- (9CI) (CA INDEX NAME)



L5 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 2001:489394 CAPLUS

DN 135:92656

TI Preparation of pyrimidine and triazine kinase inhibitors

IN Erickson, Shawn David; Inglese, James; Letourneau, Jeffrey John; Riviello, Christopher Mark

PA PharmacoPeia, Inc., USA

SO PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001047921	A1	20010705	WO 2000-US35049	20001222
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1246823	A1	20021009	EP 2000-990308	20001222
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2003519143	T2	20030617	JP 2001-549391	20001222
PRAI US 1999-173227P	P	19991228		
WO 2000-US35049	W	20001222		

OS MARPAT 135:92656

IT 348631-58-3P 348631-82-3P 348632-74-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

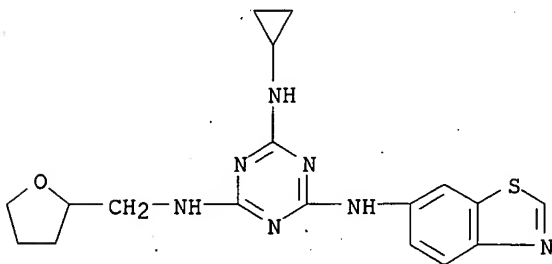
(prepn. of pyrimidine and triazine kinase inhibitors)

RN 348631-58-3 CAPLUS

10040370

V. Balasubramanian

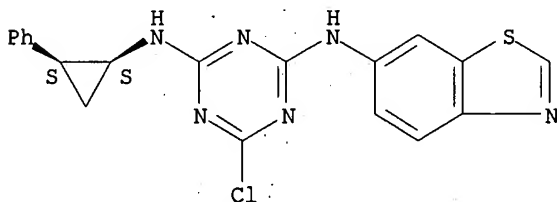
CN 1,3,5-Triazine-2,4,6-triamine, N-6-benzothiazolyl-N'-cyclopropyl-N'-[(tetrahydro-2-furanyl)methyl]- (9CI) (CA INDEX NAME)



RN 348631-82-3 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-6-benzothiazolyl-6-chloro-N'-[(1R,2R)-2-phenylcyclopropyl]-, rel- (9CI) (CA INDEX NAME)

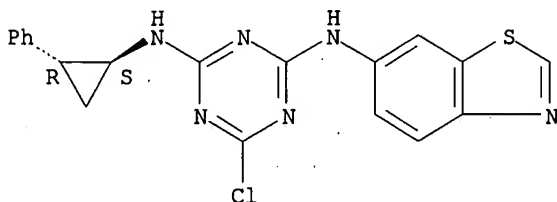
Relative stereochemistry.



RN 348632-74-6 CAPLUS

CN 1,3,5-Triazine-2,4-diamine, N-6-benzothiazolyl-6-chloro-N'-[(1R,2S)-2-phenylcyclopropyl]-, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 2000:513676 CAPLUS

DN 133:120679

TI Preparation of heterocyclyl amino acid derivatives as inhibitors of leukocyte adhesion mediated by VLA-4

IN Konradi, Andrei W.; Pleiss, Michael A.; Thorsett, Eugene D.; Ashwell, Susan; Sarantakis, Dimitrios; Welmaker, Gregory S.; Kreft, Anthony; Semko,

10040370

V. Balasubramanian

Christopher; Sullivan, Robert Warren; Soares, Christopher Joseph; Ly, Kiev Sui; Tarby, Christine M.

PA Elan Pharmaceuticals, Inc., USA; American Home Products Corporation

SO PCT Int. Appl., 305 pp.

CODEN: PIXXD2

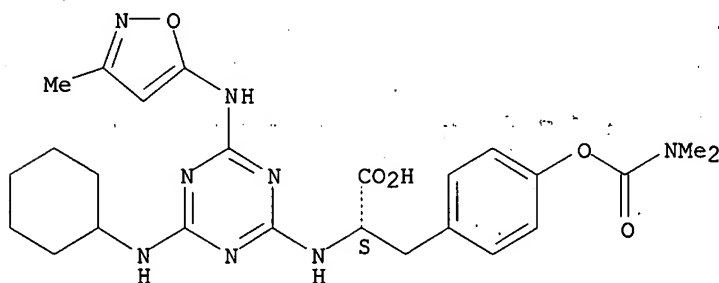
DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000043369	A1	20000727	WO 2000-US1540	20000121
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2359113	AA	20000727	CA 2000-2359113	20000121
	EP 1144384	A1	20011017	EP 2000-904487	20000121
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
	US 6479492	B1	20021112	US 2000-489378	20000121
	US 6492372	B1	20021210	US 2000-489377	20000121
	US 2003125324	A1	20030703	US 2002-218366	20020815
PRAI	US 1999-116923P	A2	19990122		
	US 1999-160999P	P	19991021		
	US 2000-489377	A3	20000121		
	WO 2000-US1540	W	20000121		
OS	MAREPAT 133:120679				
IT	285562-65-4P				
	RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
	(prepn. of heterocyclyl amino acid derivs. as inhibitors of leukocyte adhesion mediated by VLA-4)				
RN	285562-65-4 CAPLUS				
CN	L-Tyrosine, N-[4-(cyclohexylamino)-6-[(3-methyl-5-isoxazolyl)amino]-1,3,5-triazin-2-yl]-, dimethylcarbamate (ester) (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10040370

V. Balasubramanian

L5 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 2000:356371 CAPLUS
DN 133:5975
TI Jet printing inks containing azo dyes
IN Nishimura, Toru; Sano, Hideo; Yamada, Masahiro
PA Mitsubishi Chemical Industries Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000144003	A2	20000526	JP 1998-314399	19981105
PRAI	JP 1998-314399		19981105		
OS	MARPAT 133:5975				

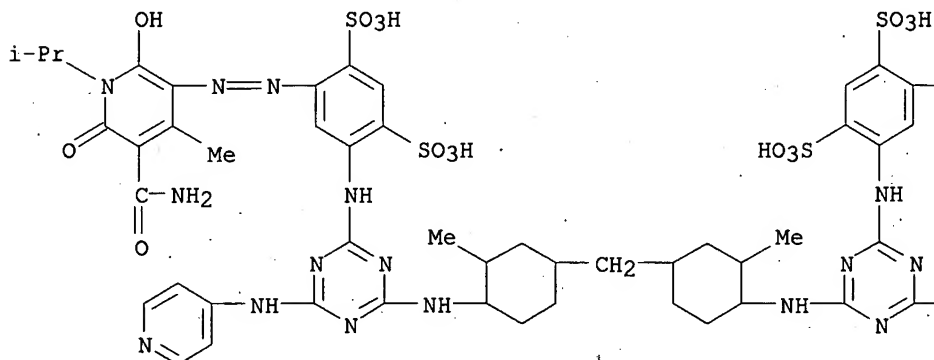
IT 270078-19-8

RL: TEM (Technical or engineered material use); USES (Uses)
(yellow jet printing inks contg. azo dyes)

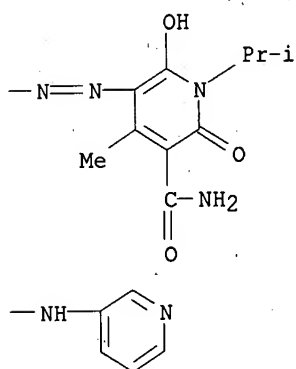
RN 270078-19-8 CAPLUS

CN 1,3-Benzenedisulfonic acid, 4,4'-[methylenebis[(2-methyl-4,1-cyclohexanediyl)imino[6-(4-pyridinylamino)-1,3,5-triazine-4,2-diyl]imino]]bis[6-[5-(aminocarbonyl)-1,6-dihydro-2-hydroxy-4-methyl-1-(1-methylethyl)-6-oxo-3-pyridinyl]azo]- (9CI) (CA INDEX NAME)

PAGE 1-A



10040370



L5 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1999:409302 CAPLUS

DN 131:60018

TI Dioxazine reactive dye compositions with good dyeability and solubility

IN Sekiya, Junichi; Tatsuma, Masahiko

PA Sumitomo Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

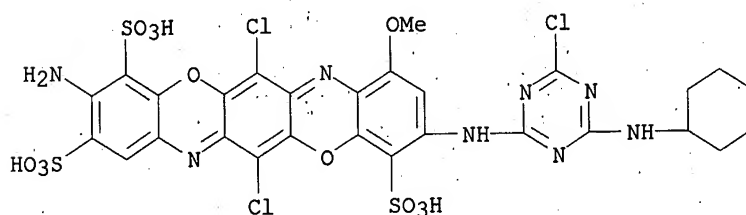
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11172133	A2	19990629	JP 1997-342898	19971212
PRAI	JP 1997-342898		19971212		
OS	MARPAT 131:60018				
IT	228116-26-5				

RL: TEM (Technical or engineered material use); USES (Uses)
(dioxazine reactive dye compns. with good dyeability and soly.)

RN 228116-26-5 CAPLUS

CN 2,4,11-Triphenodioxazinetrissulfonic acid, 3-amino-6,13-dichloro-10-[[4-chloro-6-(cyclohexylamino)-1,3,5-triazin-2-yl]amino]-8-methoxy- (9CI) (CA INDEX NAME)



L5 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1999:388177 CAPLUS

DN 131:32546

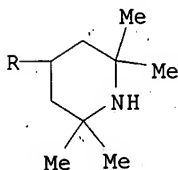
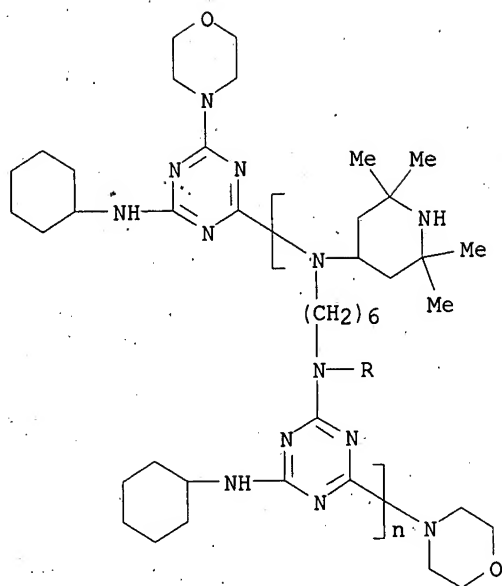
10040370

V. Balasubramanian

TI Morpholino end-capped, hindered amine-substituted aminotriazines and their
use as light stabilizers
IN Cohen, Martin L.
PA Cytec Technology Corp., USA
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9929684	A1	19990617	WO 1998-US23349	19981103
	W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2312999	AA	19990617	CA 1998-2312999	19981103
	AU 9911267	A1	19990628	AU 1999-11267	19981103
	AU 740074	B2	20011025		
	US 6096886	A	20000801	US 1998-184885	19981103
	BR 9813425	A	20001010	BR 1998-13425	19981103
	EP 1044198	A1	20001018	EP 1998-954050	19981103
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2001525404	T2	20011211	JP 2000-524278	19981103
	TW 479068	B	20020311	TW 1998-87118361	19981104
	ZA 9811171	A	19990608	ZA 1998-11171	19981207
	NO 2000002903	A	20000807	NO 2000-2903	20000607
PRAI	US 1997-67730P	P	19971208		
	WO 1998-US23349	W	19981103		
IT	226903-97-5P				
	RL: IMF (Industrial manufacture); PREP (Preparation) (morpholino end-capped hindered amine-substituted aminotriazines as light stabilizers)				
RN	226903-97-5 CAPLUS				
CN	Poly[[6-(cyclohexylamino)-1,3,5-triazine-2,4-diyl][(2,2,6,6-tetramethyl-4-piperidinyl)imino]-1,6-hexanediyl[(2,2,6,6-tetramethyl-4-piperidinyl)imino]], .alpha.-4-morpholinyl-.omega.-[4-(cyclohexylamino)-6-(4-morpholinyl)-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)				

10040370



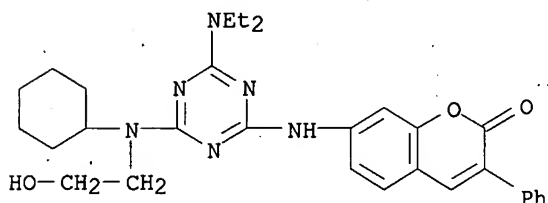
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1996:161588 CAPLUS
DN 124:274508
TI Process for forming colored partial picture element and light-shielding
light-sensitive resin composition used for this process
IN Sato, Morimasa; Iwasaki, Masayuki; Sugiyama, Takekatsu
PA Fuji Photo Film Co., Ltd., Japan
SO U.S., 23 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5489621	A	19960206	US 1994-241571	19940512
	JP 06324296	A2	19941125	JP 1993-110488	19930512

V. Balasubramanian

JP 3204795 B2 20010904
JP 06059119 A2 19940304 JP 1993-111543 19930513
JP 3308038 B2 20020729
JP 07028236 A2 19950131 JP 1994-96486 19940510
JP 3346647 B2 20021118
US 5780203 A 19980714 US 1995-556090 19951109
PRAI JP 1993-110487 A 19930512
JP 1993-110488 A 19930512
JP 1993-111543 A 19930513
JP 1993-313558 A 19931214
JP 1992-150691 A1 19920610
US 1994-241571 A3 19940512
IT 175539-27-2
RL: TEM (Technical or engineered material use); USES (Uses)
(photosensitive light-shielding compns. contg.)
RN 175539-27-2 CAPLUS
CN 2H-1-Benzopyran-2-one, 7-[[4-[cyclohexyl(2-hydroxyethyl)amino]-6-(diethylamino)-1,3,5-triazin-2-yl]amino]-3-phenyl- (9CI) (CA INDEX NAME)



L5 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1985:472611 CAPLUS
DN 103:72611
TI Formazan reactive dyes for cellulose fibers
IN Yamamura, Shigeo; Ogawa, Eiichi; Shirasaki, Toshitaka
PA Nippon Kayaku Co., Ltd. , Japan
SO Ger. Offen., 47 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

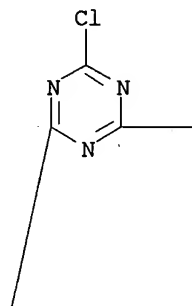
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3434818	A1	19850404	DE 1984-3434818	19840922
	DE 3434818	C2	19980820		
	JP 60067562	A2	19850417	JP 1983-176708	19830924
	JP 05021945	B4	19930326		
	GB 2148921	A1	19850605	GB 1984-23157	19840913
	GB 2148921	B2	19870528		
	CH 661278	A	19870715	CH 1984-4538	19840921
PRAI	JP 1983-176708		19830924		
IT	97520-16-6				
	RL: RCT (Reactant); TEM (Technical or engineered material use); RACT (Reactant or reagent); USES (Uses) (reactive dye, for cotton)				
RN	97520-16-6 CAPLUS				
CN	Cuprate(6-), [.mu.-[[2,2'-[1,4-cyclohexanediylbis(imino(6-chloro-1,3,5-				

10040370

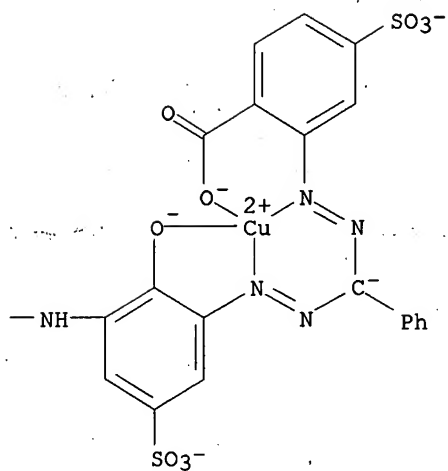
V. Balasubramanian

triazine-4,2-diyl)imino(2-hydroxy-5-sulfo-3,1-phenylene)azo(phenylmethylene)azo]]bis[4-sulfobenzoato]](10-)]di-, hexahydrogen (9CI) (CA INDEX NAME)

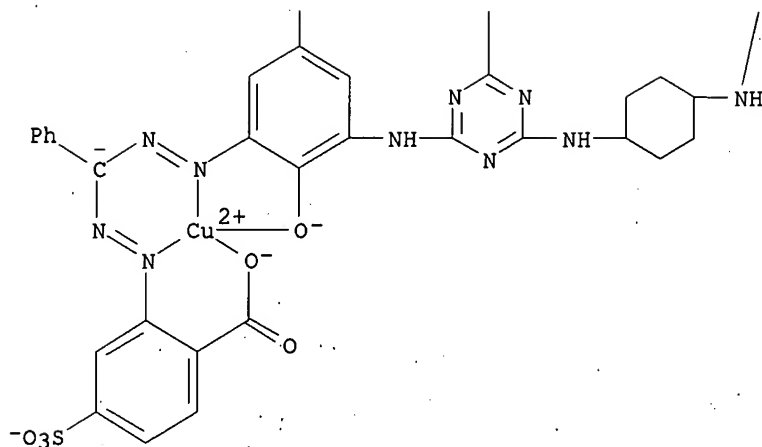
PAGE 1-A



PAGE 1-B



10040370

● 6 H⁺

L5 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2003 ACS
 AN 1984:206160 CAPLUS
 DN 100:206160
 TI Fluorescent polarization immunoassay utilizing substituted
 triazinylaminofluoresceins
 IN Wang, Chao Huei J.; Stroupe, Stephen D.; Jolley, Michael E.
 PA Abbott Laboratories, USA
 SO U.S., 3,553, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4420568	A	19831213	US 1981-325872	19811130
	CA 1160626	A1	19840117	CA 1981-379747	19810615
	GB 2081257	A	19820217	GB 1981-18754	19810618
	GB 2081257	B2	19841107		
	AU 8172036	A1	19820204	AU 1981-72036	19810622
	AU 554360	B2	19860821		
	SE 8104227	A	19820131	SE 1981-4227	19810707
	DE 3129705	A1	19820527	DE 1981-3129705	19810728
	DE 3129705	C2	19880310		
	BE 889788	A1	19820129	BE 1981-205525	19810729
	JP 57058695	A2	19820408	JP 1981-118573	19810730
	US 4492762	A	19850108	US 1982-393577	19820630
	US 4593089	A	19860603	US 1983-546778	19831031
	US 4420568	B1	19851217	US 1984-90000617	19840824
	US 4492762	B1	19910813	US 1987-90001162	19870206
	US 5097097	A	19920317	US 1989-376190	19890630
PRAI	US 1980-173553		19800730		

10040370

V. Balasubramanian

US 1981-235259	19810217
US 1981-325872	19811130
US 1981-329974	19811211
US 1981-329975	19811211
US 1982-393577	19820630
US 1983-546778	19831031
US 1986-865992	19860522
US 1987-90001314	19870825
US 1988-90001614	19881005

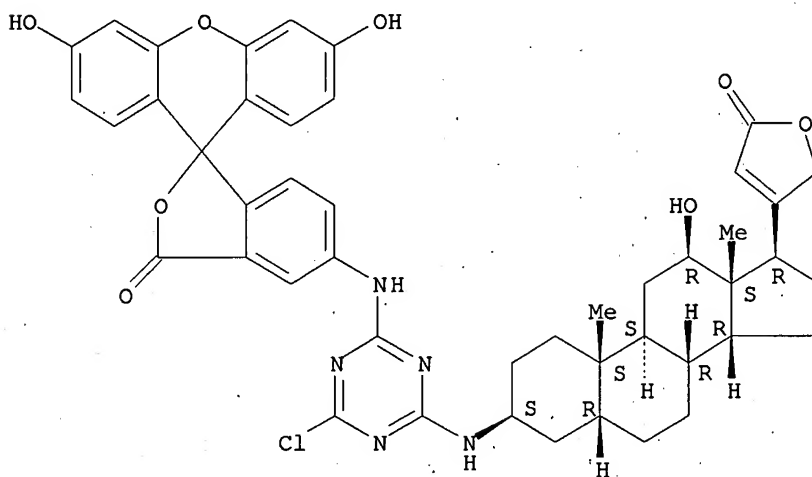
IT 90275-66-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 90275-66-4 CAPLUS

CN Card-20(22)-enolide, 3-[[4-chloro-6-[(3',6'-dihydroxy-3-oxospiro[isobenzofuran-1(3H),9'-[9H]xanthen]-5-yl)amino]-1,3,5-triazin-2-yl]amino]-12-hydroxy-, (3.beta.,5.beta.,12.beta.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1983:594930 CAPLUS

DN 99:194930

TI Studies on s-triazinyl compounds as potential antimicrobial agents

AU Maheshvari, Jitendra M.; Astik, R. R.; Thaker, K. A.

CS Dep. Chem., Bhavnagar Univ., Bhavnagar, India

SO Journal of the Institution of Chemists (India) (1983), 55(2), 81-2

CODEN: JOICA7; ISSN: 0020-3254

DT Journal

LA English

OS CASREACT 99:194930

IT 87733-90-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. and bactericidal activity of)

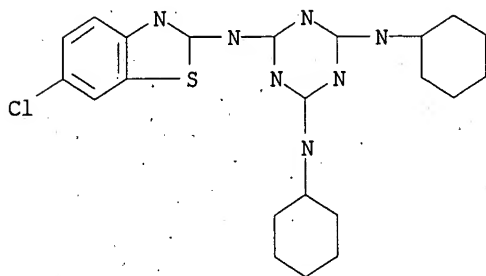
RN 87733-90-2 CAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-(6-chloro-2-benzothiazolyl)-N',N''-

10040370

V. Balasubramanian

dicyclohexyl- (9CI) (CA INDEX NAME)



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

L5 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1978:564940 CAPLUS

DN 89:164940

TI Colored polymeric materials

IN Nagahama, Shizuo; Shimada, Keizo; Harada, Toshiaki; Koga, Masahiro

PA Teijin Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 7 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP. 53047439	A2	19780427	JP 1976-121848	19761013
PRAI	JP 1976-121848		19761013		
IT	67826-24-8				

RL: USES (Uses)

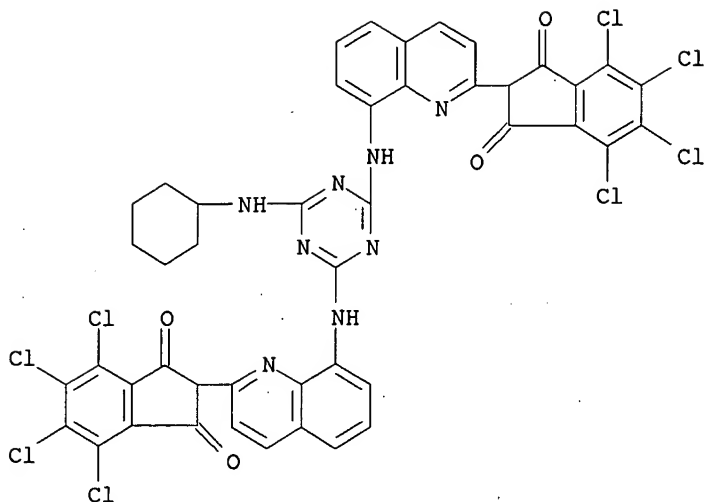
(pigment, for polycarbonates)

RN 67826-24-8 CAPLUS

CN 1H-Indene-1,3(2H)-dione, 2,2'-[[6-(cyclohexylamino)-1,3,5-triazine-2,4-diyl]bis(imino-8,2-quinolinediyl)]bis[4,5,6,7-tetrachloro- (9CI) (CA INDEX NAME)

10040370

V. Balasubramanian



L5 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2003 ACS
 AN 1975:516989 CAPLUS
 DN 83:116989
 TI 6-N-Triazinylaminobenzofurans as fluorescent whiteners
 PA BASF A.-G., Fed. Rep. Ger.
 SO Fr. Demande, 32 pp.
 CODEN: FRXXBL

DT Patent
 LA French

FAN.CNT 2

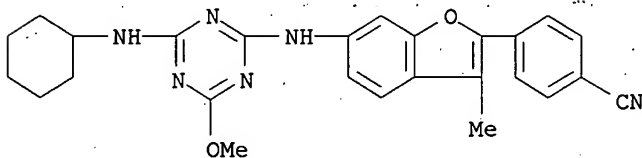
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2235126	A1	19750124	FR 1974-22420	19740627
	FR 2235126	B3	19770506		
	DE 2332597	A1	19750116	DE 1973-2332597	19730627
PRAI	DE 1973-2332597		19730627		

IT 55207-55-1P 55207-63-1P

RL: IMF (Industrial manufacture); PREP (Preparation)
 (prepn. of)

RN 55207-55-1 CAPLUS

CN Benzonitrile, 4-[6-[[4-(cyclohexylamino)-6-methoxy-1,3,5-triazin-2-yl]amino]-3-methyl-2-benzofuranyl]- (9CI) (CA INDEX NAME)

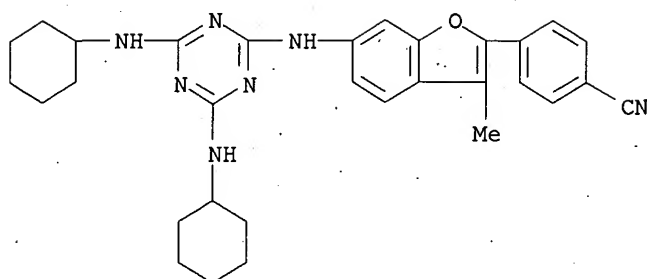


RN 55207-63-1 CAPLUS

CN Benzonitrile, 4-[6-[[4,6-bis(cyclohexylamino)-1,3,5-triazin-2-yl]amino]-3-methyl-2-benzofuranyl]- (9CI) (CA INDEX NAME)

10040370

V. Balasubramanian



L5 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2003 ACS
AN 1975:172619 CAPLUS
DN 82:172619
TI 6-(Triazinylamino)benzofuran fluorescent whiteners
IN Scheuermann, Horst; Mach, Wolfgang
PA BASF A.-G.
SO Ger. Offen., 20 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 2

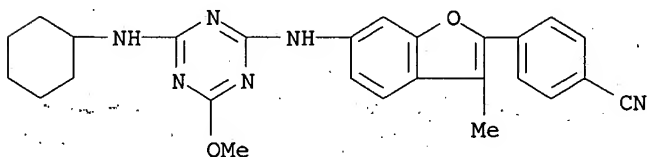
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2332597	A1	19750116	DE 1973-2332597	19730627
	US 3983117	A	19760928	US 1974-482252	19740624
	IT 1016171	A	19770530	IT 1974-51725	19740625
	FR 2235126	A1	19750124	FR 1974-22420	19740627
	FR 2235126	B3	19770506		
	JP 50038730	A2	19750410	JP 1974-72885	19740627
PRAI	DE 1973-2332597		19730627		

IT 55207-55-1P 55207-63-1P

RL: IMF (Industrial manufacture); PREP (Preparation)
(prepn. of)

RN 55207-55-1 CAPLUS.

CN Benzonitrile, 4-[6-[[4-(cyclohexylamino)-6-methoxy-1,3,5-triazin-2-yl]amino]-3-methyl-2-benzofuranyl]- (9CI) (CA INDEX NAME)

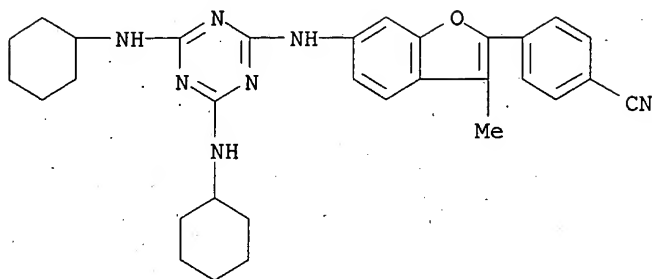


RN 55207-63-1 CAPLUS

CN Benzonitrile, 4-[6-bis(cyclohexylamino)-1,3,5-triazin-2-yl]amino-3-methyl-2-benzofuranyl]- (9CI) (CA INDEX NAME)

10040370

V. Balasubramanian



LS ANSWER 20 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1974:493087 CAPLUS

DN 81:93087

TI 7-(Triazinylamino)-3-phenylcoumarin fluorescent whitening agents

IN Suzuki, Kazuaki; Yanagisawa, Takao

PA Showa Chemical Industries, Ltd.

SO Jpn. Tokkyo Koho, 9 pp.

CODEN: JAXXAD

DT Patent

LA Japanese

FAN.CNT 1

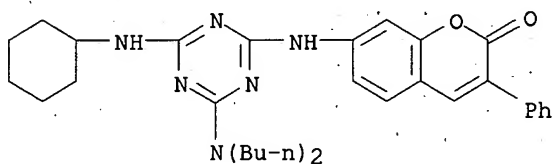
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 48037969	B4	19731114	JP 1970-24874	19700326
PRAI	JP 1970-24874		19700326		

IT 52302-70-2P 52302-75-7P 52302-77-9P

RL: IMF (Industrial manufacture); PREP (Preparation)
(prepn. of)

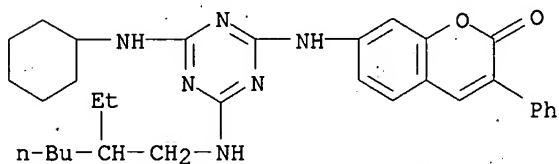
RN 52302-70-2 CAPLUS

CN 2H-1-Benzopyran-2-one, 7-[[4-(cyclohexylamino)-6-(dibutylamino)-1,3,5-triazin-2-yl]amino]-3-phenyl- (9CI) (CA INDEX NAME)



RN 52302-75-7 CAPLUS

CN 2H-1-Benzopyran-2-one, 7-[[4-(cyclohexylamino)-6-[(2-ethylhexyl)amino]-1,3,5-triazin-2-yl]amino]-3-phenyl- (9CI) (CA INDEX NAME)

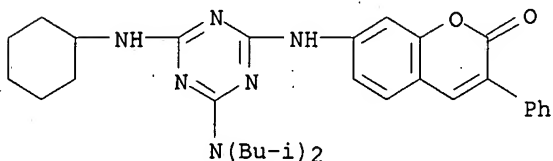


10040370

V. Balasubramanian

RN 52302-77-9 CAPLUS

CN 2H-1-Benzopyran-2-one, 7-[[4-[bis(2-methylpropyl)amino]-6-(cyclohexylamino)-1,3,5-triazin-2-yl]amino]-3-phenyl- (9CI) (CA INDEX NAME)



L5 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2003 ACS

AN 1961:15626 CAPLUS

DN 55:15626

OREF 55:3082f-i,3083a-i,3084a-b

TI 7-Triazinylamino-3-phenylcoumarins

IN Hausermann, Heinrich

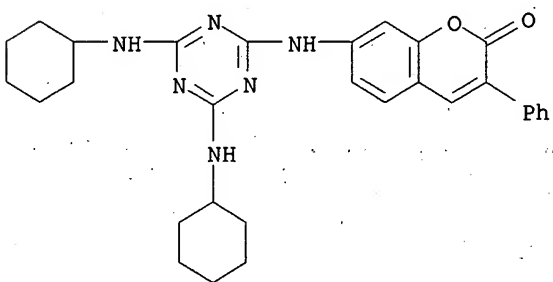
PA J. R. Geigy Akt.-Ges.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2945033		19600712	US	
	CH 360064			CH	
	CH 364270			CH	
	CH 364271			CH	
	DE 1096909			DE	
	GB 885847			GB	
IT	116975-60-1 , Coumarin, 7-[[4,6-bis(cyclohexylamino)-s-triazin-2-yl]amino]-3-phenyl- 118927-03-0 , Coumarin, 7-[[4-chloro-6-(2-hydroxycyclohexylamino)-s-triazin-2-yl]amino]-3-phenyl- (prepn. of)				
RN	116975-60-1 CAPLUS				
CN	Coumarin, 7-[[4,6-bis(cyclohexylamino)-s-triazin-2-yl]amino]-3-phenyl- (6CI) (CA INDEX NAME)				

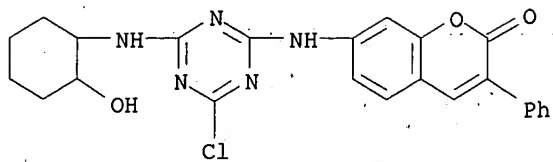


RN 118927-03-0 CAPLUS

CN Coumarin, 7-[[4-chloro-6-(2-hydroxycyclohexylamino)-s-triazin-2-yl]amino]-3-phenyl- (6CI) (CA INDEX NAME)

10040370

V. Balasubramanian



=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

66.13

214.49

STN INTERNATIONAL LOGOFF AT 17:24:50 ON 11 JUL 2003

10040370

V. Balasubramanian

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Feb 24 PCTGEN now available on STN
NEWS 4 Feb 24 TEMA now available on STN
NEWS 5 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 6 Feb 26 PCTFULL now contains images
NEWS 7 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8 Mar 24 PATDPAFULL now available on STN
NEWS 9 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 10 Apr 11 Display formats in DGENE enhanced
NEWS 11 Apr 14 MEDLINE Reload
NEWS 12 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 13 Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 14 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 15 Apr 28 RDISCLOSURE now available on STN
NEWS 16 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR
NEWS 17 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 18 May 15 Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS 19 May 19 Simultaneous left and right truncation added to WSCA
NEWS 20 May 19 RAPRA enhanced with new search field, simultaneous left and
right truncation
NEWS 21 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 22 Jun 06 PASCAL enhanced with additional data
NEWS 23 Jun 20 2003 edition of the FSTA Thesaurus is now available
NEWS 24 Jun 25 HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

10040370

V. Balasubramanian

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:31:04 ON 11 JUL 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:31:09 ON 11 JUL 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 JUL 2003 HIGHEST RN 546060-09-7

DICTIONARY FILE UPDATES: 10 JUL 2003 HIGHEST RN 546060-09-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\STNEXP4\QUERIES\10040370.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

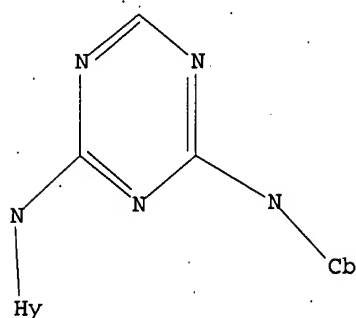
=> d l1

L1 HAS NO ANSWERS

L1 STR

10040370

V. Balasubramanian



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 16:31:45 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4474 TO ITERATE

22.4% PROCESSED 1000 ITERATIONS

33 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 85471 TO 93489

PROJECTED ANSWERS: 2223 TO 3681

L3 33 SEA SSS SAM L1

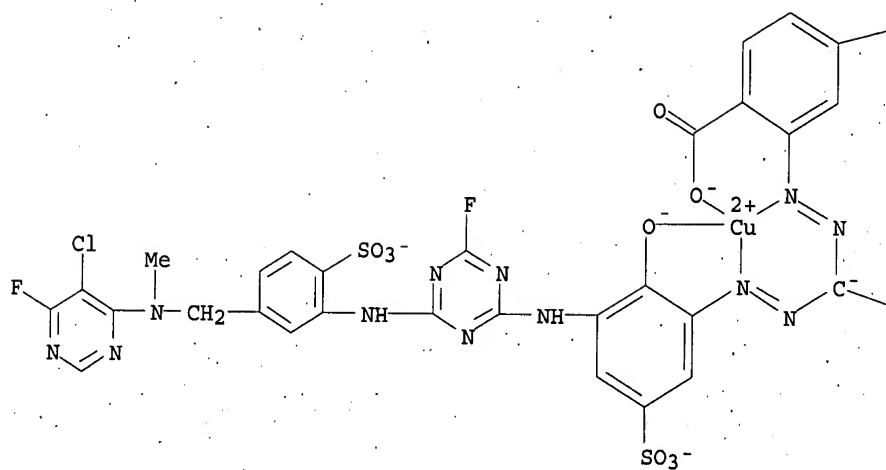
=> d scan

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN Cuprate(4-), [2-[[[3-[[4-[[5-[[5-chloro-6-fluoro-4-pyrimidinyl)methylamino)methyl]-2-sulfo-phenyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]-2-hydroxy-5-sulfo-phenyl]azo]phenylmethyl]azo]-4-sulfo-benzoato(6-)]-, tetrahydrogen (9CI)

MF C35 H21 Cl Cu F2 N12 O12 S3 . 4 H

CI CCS



SO_3^-

● 4 H^+

Ph

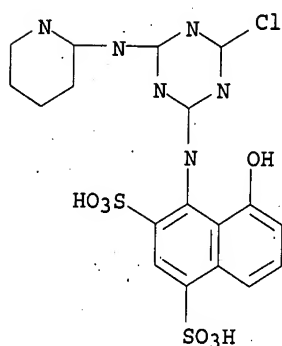
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):32

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN 1,3-Naphthalenedisulfonic acid, 4-[[4-chloro-6-(2-pyridinylamino)-1,3,5-triazin-2-yl]amino]-5-hydroxy- (9CI)

MF C18 H13 Cl N6 O7 S2

V. Balasubramanian



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

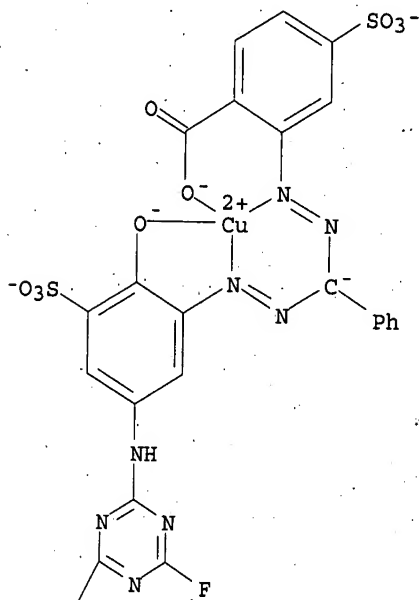
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN Cuprate(5-), [2-[[[5-[[4-[[4-[(2,6-difluoro-4-pyrimidinyl)amino]-2,5-disulfophenyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]-2-hydroxy-3-sulfophenyl]azo]phenylmethyl]azo]-4-sulfobenzoato(7-)]-, pentahydrogen (9CI)

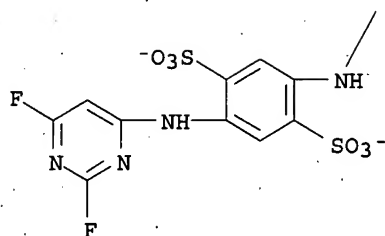
MF C33 H16 Cu F3 N12 O15 S4 . 5 H

CI CCS

PAGE 1-A

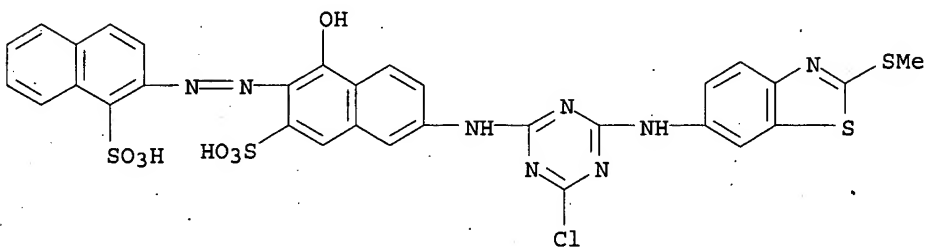


10040370



● 5 H⁺

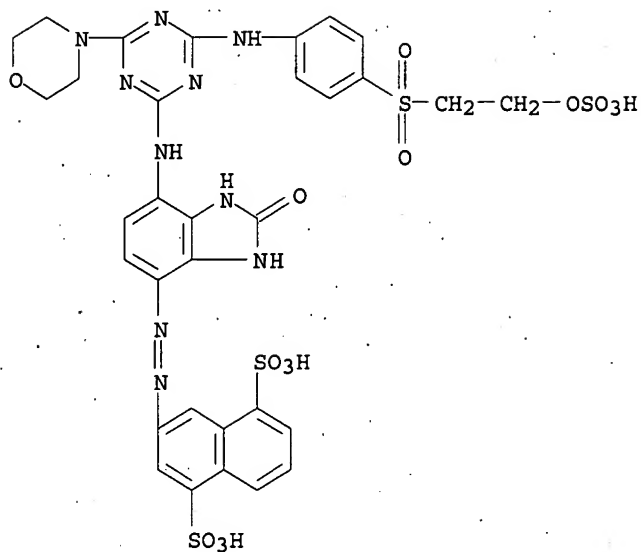
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1-Naphthalenesulfonic acid, 2-[[6-[[4-chloro-6-[[2-(methylthio)-6-benzothiazolyl]amino]-s-triazin-2-yl]amino]-1-hydroxy-3-sulfo-2-naphthyl]azo]- (8CI)
 MF C31 H21 Cl N8 O7 S4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,5-Naphthalenedisulfonic acid, 3-[[2,3-dihydro-7-[[4-(4-morpholinyl)-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-oxo-1H-benzimidazol-4-yl]azo]- (9CI)
 MF C32 H30 N10 O14 S4

V. Balasubramanian



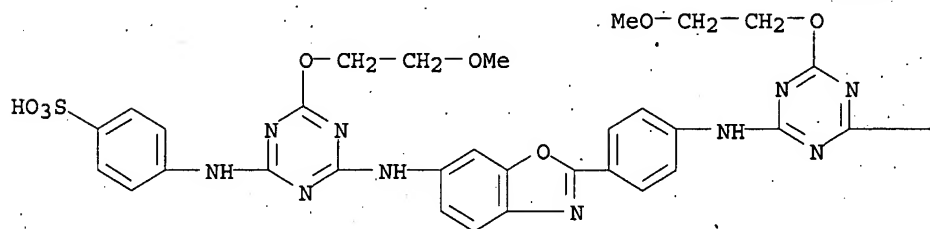
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

IN Benzenesulfonic acid, 4-[[4-(2-methoxyethoxy)-6-[[4-[6-[[4-(2-methoxyethoxy)-6-[(4-sulfohenyl)amino]-1,3,5-triazin-2-yl]amino]-2-benzoxazolyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-, disodium salt (9CI)

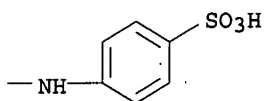
MF C37 H35 N11 O11 S2 . 2 Na

PAGE 1-A

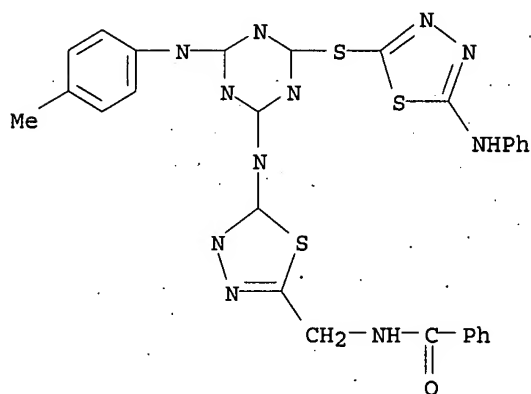


● 2 Na

10040370

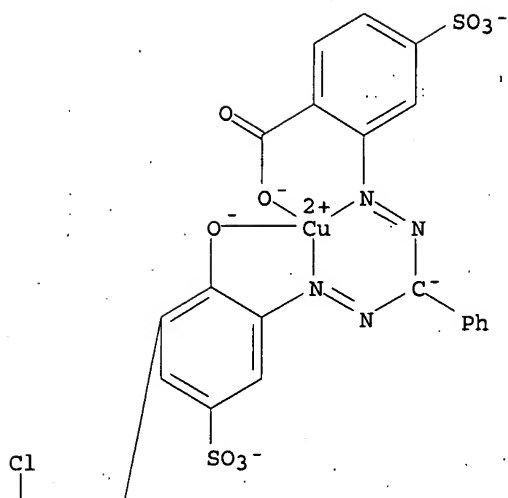


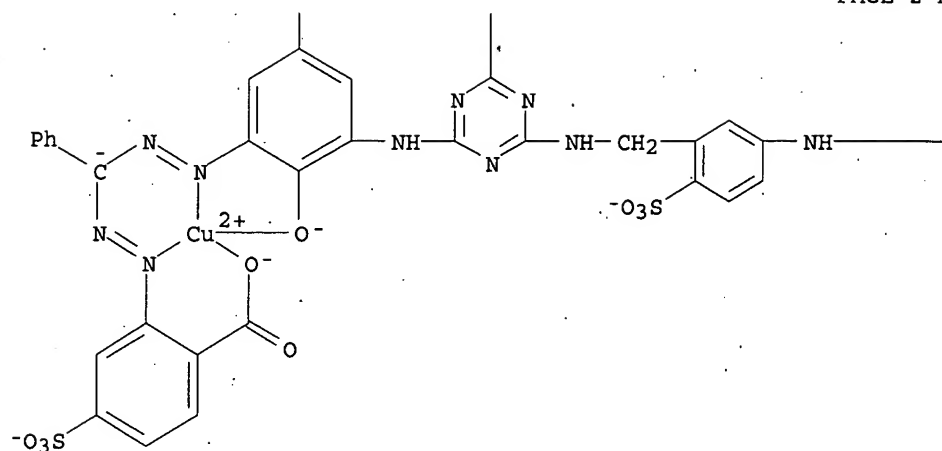
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzamide, N-[[5-[[4-[[4-methylphenyl]amino]-6-[[5-(phenylamino)-1,3,4-thiadiazol-2-yl]thio]-1,3,5-triazin-2-yl]amino]-1,3,4-thiadiazol-2-yl]methyl]- (9CI)
 MF C28 H23 N11 O S3



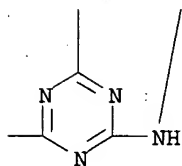
*** FRAGMENT DIAGRAM IS INCOMPLETE ***

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(7-), [.mu.-[2-[[[3-[[4-[[3-[[4-[[3-[[[2-(carboxy-.kappa.O)-5-sulfophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-2-(hydroxy-.kappa.O)-5-sulfophenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]methyl]-4-sulfophenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-2-(hydroxy-.kappa.O)-5-sulfophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-4-sulfobenzoato(11-)-.kappa.O]]di-, pentasodium dihydrogen (9CI).
 MF C53 H29 Cl2 Cu2 N18 O21 S5 . 2 H . 5 Na
 CI CCS



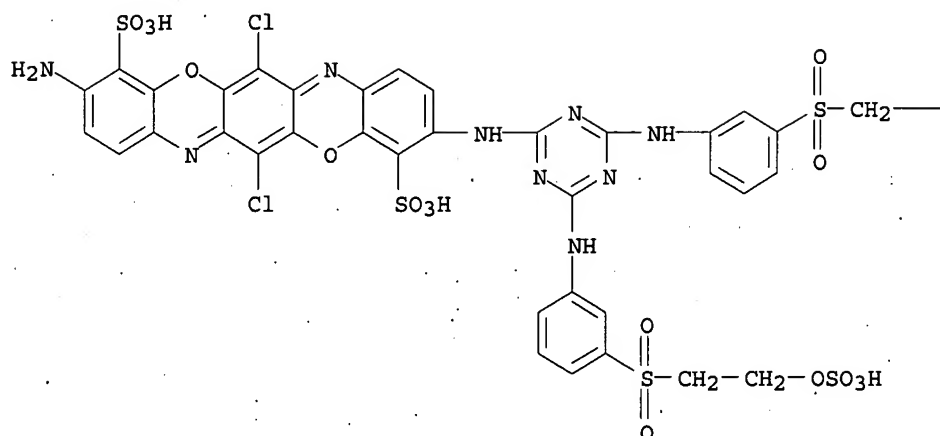


● 2 H⁺



● 5 Na⁺

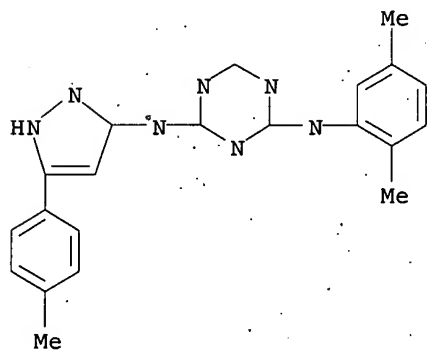
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 4,11-Triphenodioxazinedisulfonic acid, 3-amino-10-[[4,6-bis[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-6,13-dichloro- (9CI)
 MF C37 H29 Cl2 N9 O20 S6



—CH₂—OSO₃H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4-diamine, N-(2,5-dimethylphenyl)-N'-[5-(4-methylphenyl)-
 1H-pyrazol-3-yl]- (9CI)
 MF C21 H21 N7



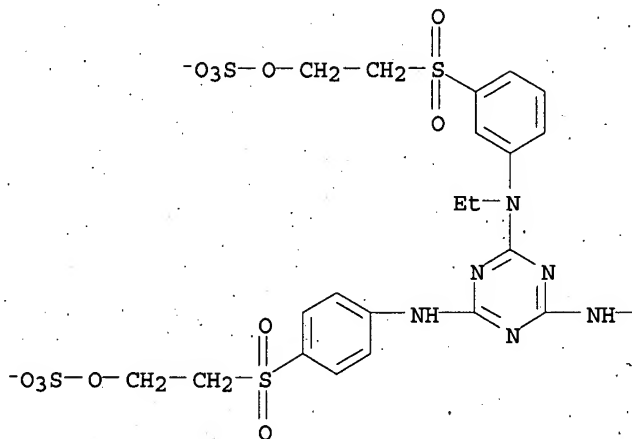
*** FRAGMENT DIAGRAM IS INCOMPLETE ***

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(5-), [2-[[[3-[[4-[ethyl[3-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]ami
 no]-6-[[4-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-

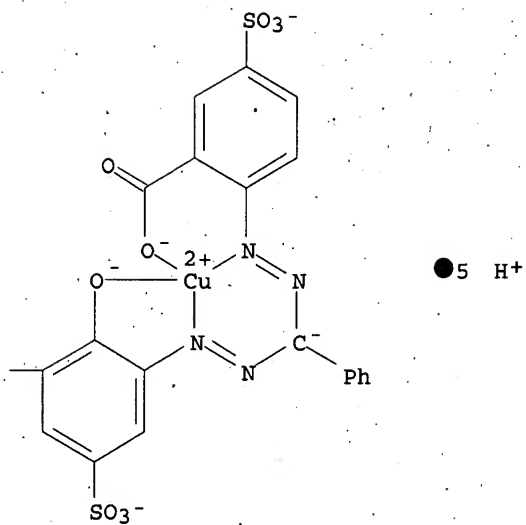
V. Balasubramanian

yl]amino]-2-hydroxy-5-sulfophenyl]azo]phenylmethyl]azo]-5-sulfobenzoato(7-
)]-, pentahydrogen (9CI)
MF C41 H33 Cu N10 O21 S6 . 5 H
CI CCS

PAGE 1-A



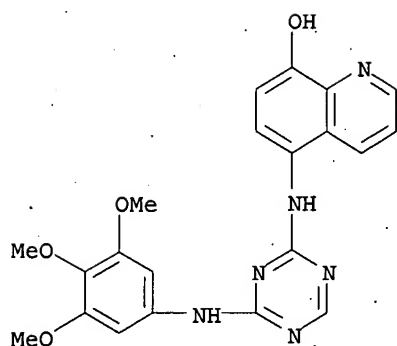
PAGE 1-B



L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 8-Quinololinol, 5-[[4-[(3,4,5-trimethoxyphenyl)amino]-1,3,5-triazin-2-
yl]amino]- (9CI)
MF C21 H20 N6 O4

10040370

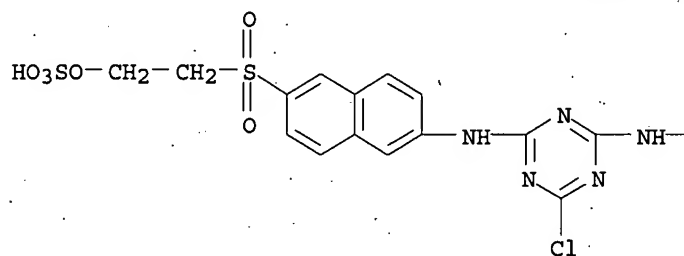
V. Balasubramanian



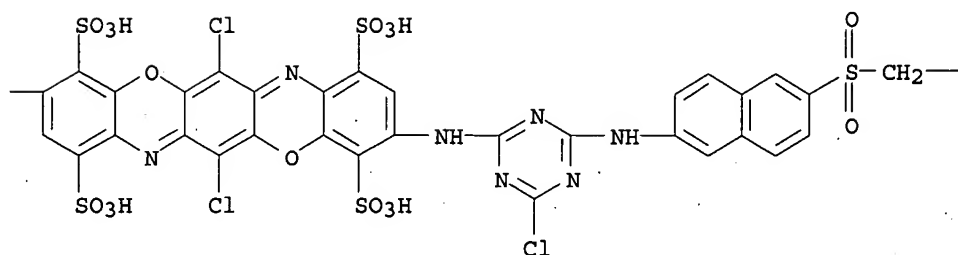
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,4,8,11-Triphenodioxazinetetrasulfonic acid, 6,13-dichloro-3,10-bis[[4-chloro-6-[[6-[[2-(sulfooxy)ethyl]sulfonyl]-2-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
 MF C48 H32 Cl4 N12 O26 S8

PAGE 1-A



PAGE 1-B,

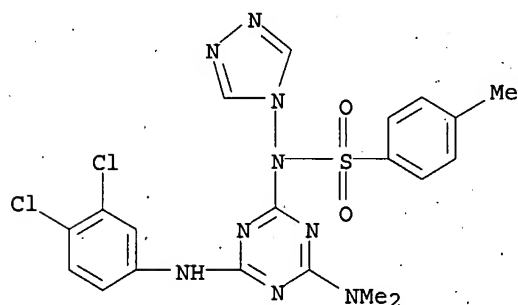


10040370

—CH₂—OSO₃H

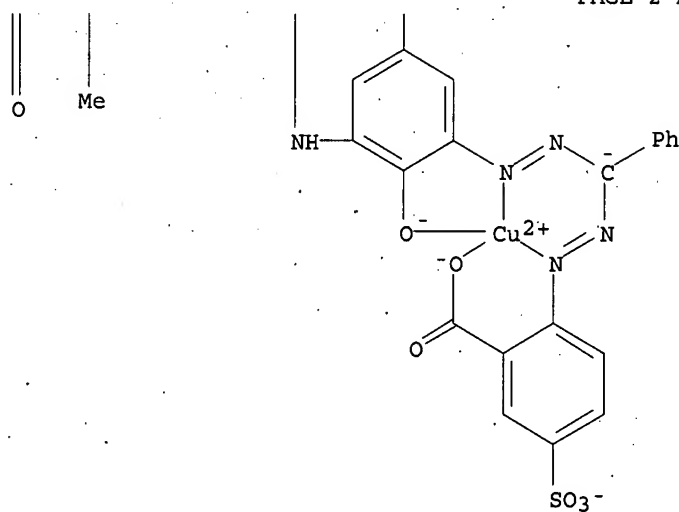
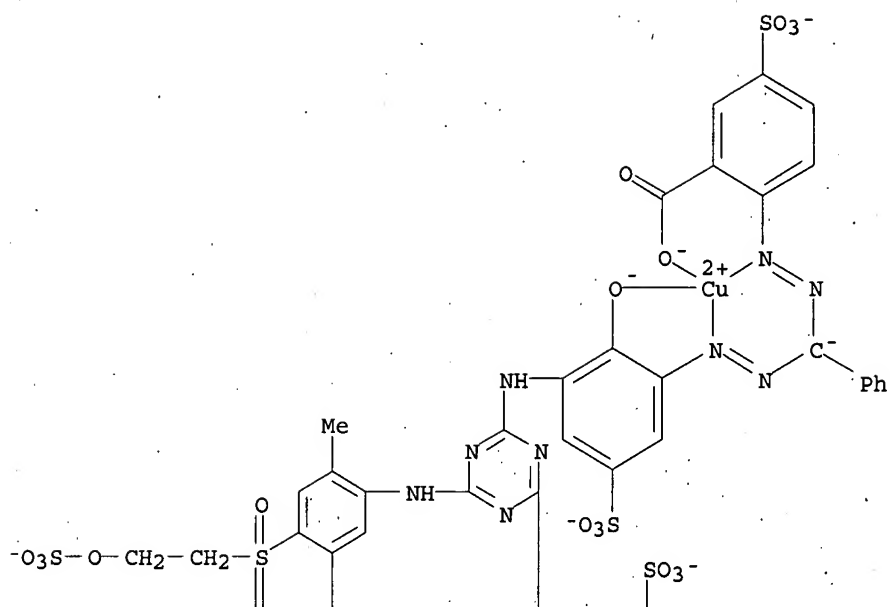
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzenesulfonamide, N-[4-[(3,4-dichlorophenyl)amino]-6-(dimethylamino)-
 1,3,5-triazin-2-yl]-4-methyl-N-4H-1,2,4-triazol-4-yl- (9CI)
 MF C20 H19 Cl2 N9 O2 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(7-), [.mu.-[[2,2'-[[6-[[2,5-dimethyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-2,4-diyl]bis[imino(2-hydroxy-5-sulfo-3,1-phenylene)azo(phenylmethylene)azo]]bis[5-sulfobenzoato]](11-)]di-, heptahydrogen (9CI)
 MF C53 H35 Cu2 N14 O24 S6 . 7 H
 CI CCS

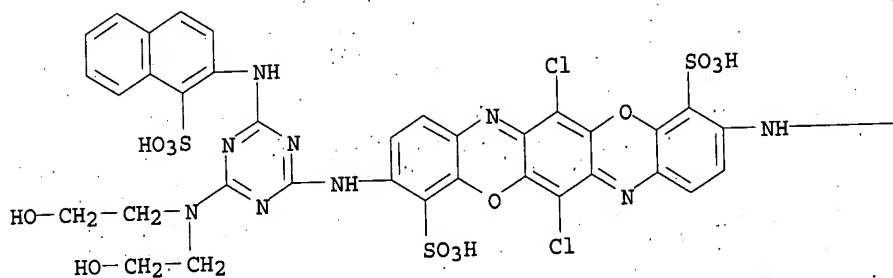


● 7 H⁺

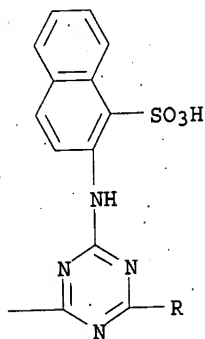
V. Balasubramanian

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 4,11-Triphenodioxazinedisulfonic acid, 3-[[[4-[bis(2-hydroxyethyl)amino]-6-
[(1-sulfo-2-naphthalenyl)amino]-1,3,5-triazin-2-yl]amino]-6,13-dichloro-10-
[[4-(4-morpholinyl)-6-[(1-sulfo-2-naphthalenyl)amino]-1,3,5-triazin-2-
yl]amino]- (9CI)
MF C52 H42 Cl2 N14 O17 S4

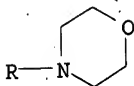
PAGE 1-A



PAGE 1-B



PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10040370

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS

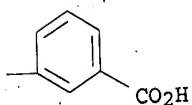
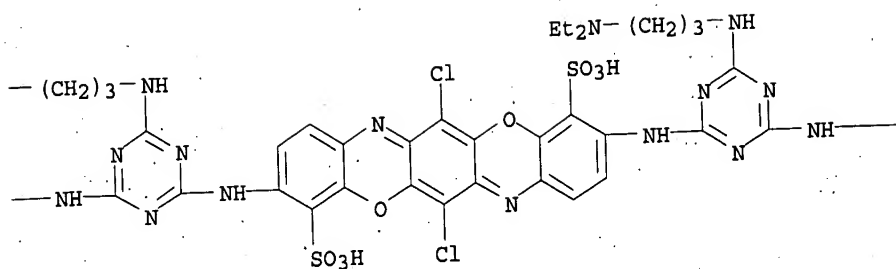
MF C36 H22 Cl Cu N10 O11 S2 . 3 H
CI CCS

 $\bullet_3 \text{ H}^+$

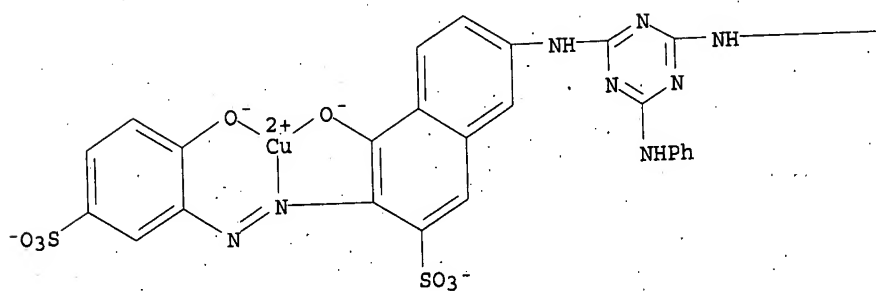
MF C80 H79 C14 N25 O20 S4

CCN(CC)CCNc1nc(Nc2ccc(cc2)C(=O)O)c3nc(Nc4c5ccccc5c4c6c7c8ccccc8c7c9c6c10c11c12ccccc12c10c13c14c15c16c17c18c19c20c21c22c23c24c25c26c27c28c29c30c31c32c33c34c35c36c37c38c39c40c41c42c43c44c45c46c47c48c49c50c51c52c53c54c55c56c57c58c59c60c61c62c63c64c65c66c67c68c69c70c71c72c73c74c75c76c77c78c79c80c81c82c83c84c85c86c87c88c89c90c91c92c93c94c95c96c97c98c99c100c101c102c103c104c105c106c107c108c109c110c111c112c113c114c115c116c117c118c119c120c121c122c123c124c125c126c127c128c129c130c131c132c133c134c135c136c137c138c139c140c141c142c143c144c145c146c147c148c149c150c151c152c153c154c155c156c157c158c159c160c161c162c163c164c165c166c167c168c169c170c171c172c173c174c175c176c177c178c179c180c181c182c183c184c185c186c187c188c189c190c191c192c193c194c195c196c197c198c199c200c201c202c203c204c205c206c207c208c209c210c211c212c213c214c215c216c217c218c219c220c221c222c223c224c225c226c227c228c229c230c231c232c233c234c235c236c237c238c239c240c241c242c243c244c245c246c247c248c249c250c251c252c253c254c255c256c257c258c259c260c261c262c263c264c265c266c267c268c269c270c271c272c273c274c275c276c277c278c279c280c281c282c283c284c285c286c287c288c289c290c291c292c293c294c295c296c297c298c299c300c301c302c303c304c305c306c307c308c309c310c311c312c313c314c315c316c317c318c319c320c321c322c323c324c325c326c327c328c329c330c331c332c333c334c335c336c337c338c339c340c341c342c343c344c345c346c347c348c349c350c351c352c353c354c355c356c357c358c359c360c361c362c363c364c365c366c367c368c369c370c371c372c373c374c375c376c377c378c379c380c381c382c383c384c385c386c387c388c389c390c391c392c393c394c395c396c397c398c399c400c401c402c403c404c405c406c407c408c409c410c411c412c413c414c415c416c417c418c419c420c421c422c423c424c425c426c427c428c429c430c431c432c433c434c435c436c437c438c439c440c441c442c443c444c445c446c447c448c449c450c451c452c453c454c455c456c457c458c459c460c461c462c463c464c465c466c467c468c469c470c471c472c473c474c475c476c477c478c479c480c481c482c483c484c485c486c487c488c489c490c491c492c493c494c495c496c497c498c499c500c501c502c503c504c505c506c507c508c509c510c511c512c513c514c515c516c517c518c519c520c521c522c523c524c525c526c527c528c529c530c531c532c533c534c535c536c537c538c539c540c541c542c543c544c545c546c547c548c549c550c551c552c553c554c555c556c557c558c559c560c561c562c563c564c565c566c567c568c569c570c571c572c573c574c575c576c577c578c579c580c581c582c583c584c585c586c587c588c589c590c591c592c593c594c595c596c597c598c599c600c601c602c603c604c605c606c607c608c609c610c611c612c613c614c615c616c617c618c619c620c621c622c623c624c625c626c627c628c629c630c631c632c633c634c635c636c637c638c639c640c641c642c643c644c645c646c647c648c649c650c651c652c653c654c655c656c657c658c659c660c661c662c663c664c665c666c667c668c669c670c671c672c673c674c675c676c677c678c679c680c681c682c683c684c685c686c687c688c689c690c691c692c693c694c695c696c697c698c699c700c701c702c703c704c705c706c707c708c709c710c711c712c713c714c715c716c717c718c719c720c721c722c723c724c725c726c727c728c729c730c731c732c733c734c735c736c737c738c739c740c741c742c743c744c745c746c747c748c749c750c751c752c753c754c755c756c757c758c759c760c761c762c763c764c765c766c767c768c769c770c771c772c773c774c775c776c777c778c779c780c781c782c783c784c785c786c787c788c789c790c791c792c793c794c795c796c797c798c799c800c801c802c803c804c805c806c807c808c809c810c811c812c813c814c815c816c817c818c819c820c821c822c823c824c825c826c827c828c829c830c831c832c833c834c835c836c837c838c839c840c841c842c843c844c845c846c847c848c849c850c851c852c853c854c855c856c857c858c859c860c861c862c863c864c865c866c867c868c869c870c871c872c873c874c875c876c877c878c879c880c881c882c883c884c885c886c887c888c889c890c891c892c893c894c895c896c897c898c899c900c901c902c903c904c905c906c907c908c909c910c911c912c913c914c915c916c917c918c919c920c921c922c923c924c925c926c927c928c929c930c931c932c933c934c935c936c937c938c939c940c941c942c943c944c945c946c947c948c949c950c951c952c953c954c955c956c957c958c959c960c961c962c963c964c965c966c967c968c969c970c971c972c973c974c975c976c977c978c979c980c981c982c983c984c985c986c987c988c989c990c991c992c993c994c995c996c997c998c999

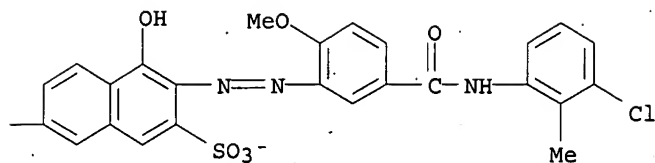
10040370



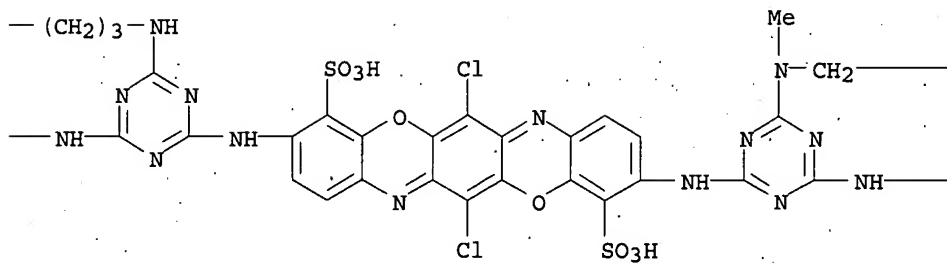
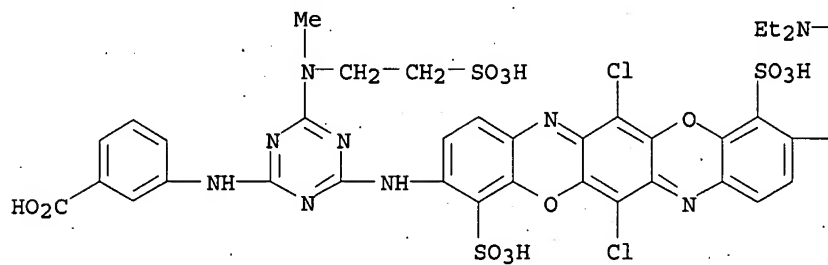
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(3-), [3-[[[5-[[[3-chloro-2-methylphenyl]amino]carbonyl]-2-methoxyphenyl]azo]-4-hydroxy-7-[[4-[[5-hydroxy-6-[(2-hydroxy-5-sulphophenyl)azo]-7-sulfo-2-naphthalenyl]amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-2-naphthalenesulfonato(5-)]-], trihydrogen (9CI)
 MF C50 H33 Cl Cu N11 O14 S3 . 3 H
 CI CCS

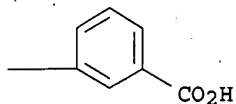


● 3 H⁺



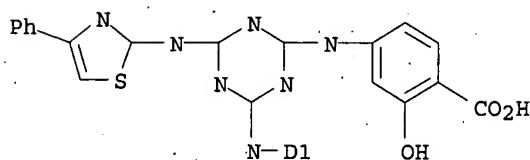
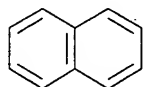
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzoic acid, 3,3'-[[6-[[3-(diethylamino)propyl]amino]-1,3,5-triazine-2,4-
 diyl]bis[imino(6,13-dichloro-4,11-disulfo-10,3-
 triphenodioxazinediyl)imino[6-[methyl(2-sulfoethyl)amino]-1,3,5-triazine-
 4,2-diyl]imino]]bis- (9CI)
 MF C72 H61 Cl4 N23 O26 S6



—CH₂—SO₃H

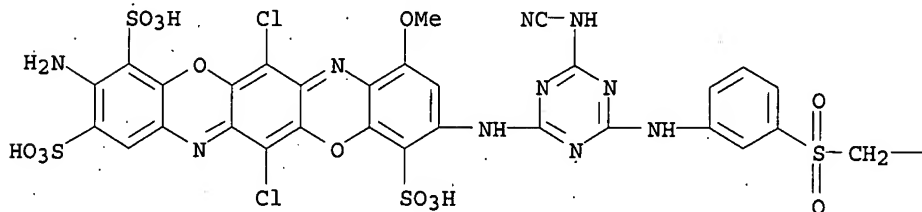
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzoic acid, 2-hydroxy-4-[[4-(naphthalenylamino)-6-[(4-phenyl-2-thiazolyl)amino]-1,3,5-triazin-2-yl]amino]- (9CI)
 MF C29 H21 N7 O3 S
 CI IDS



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

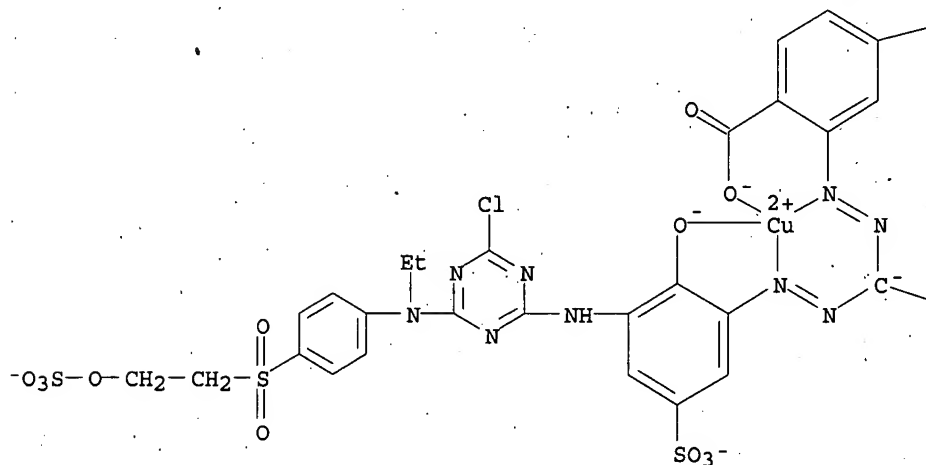
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 2,4,11-Triphenodioxazinetrissulfonic acid, 3-amino-6,13-dichloro-10-[[4-(cyanoamino)-6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-8-methoxy- (9CI)
 MF C31 H22 Cl2 N10 O18 S5



—CH₂—OSO₃H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(4-), [2-[[[3-[4-chloro-6-[ethyl[4-[[2-(sulfooxy)ethyl)sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-(hydroxy-.kappa.O)-5-sulphophenyl]azo-.kappa.N2]phenylmethyl]azo-.kappa.N1]-4-sulphobenzoato(6-)-.kappa.O]-, tetrahydrogen (9CI)
 MF C33 H24 Cl Cu N9 O15 S4 . 4 H
 CI CCS, COM



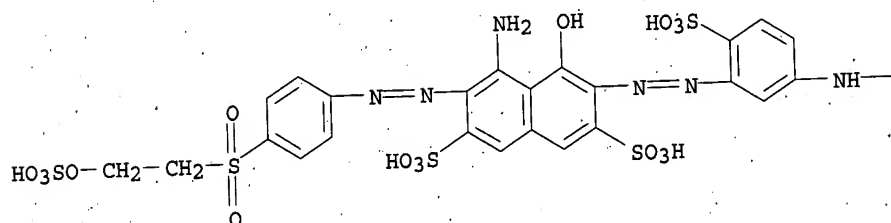
—SO₃⁻

● 4 H⁺

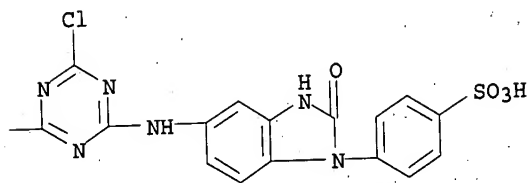
—Ph

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[2,3-dihydro-2-oxo-1-(4-sulfophenyl)-1H-benzimidazol-5-yl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-5-hydroxy-3-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]]- (9CI)
 MF C40 H31 Cl N12 O20 S6

PAGE 1-A



PAGE 1-B



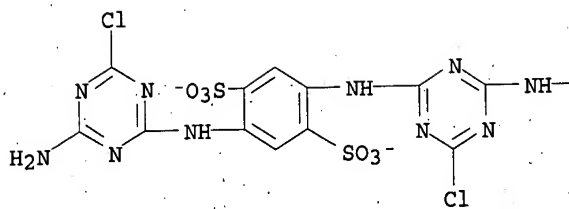
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(5-), [4-amino-6-[[5-[[4-[[4-[[4-amino-6-chloro-1,3,5-triazin-2-yl]amino]-2,5-disulfophenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-2-hydroxy-3-sulfophenyl]azo]-5-hydroxy-1,3-naphthalenedisulfonato(7-)]-, pentahydrogen (9CI)

V. Balasubramanian

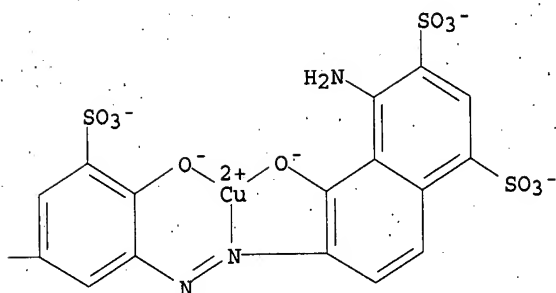
MF C28 H14 Cl2 Cu N13 O17 S5 . 5 H
CI CCS

PAGE 1-A



● 5 H⁺

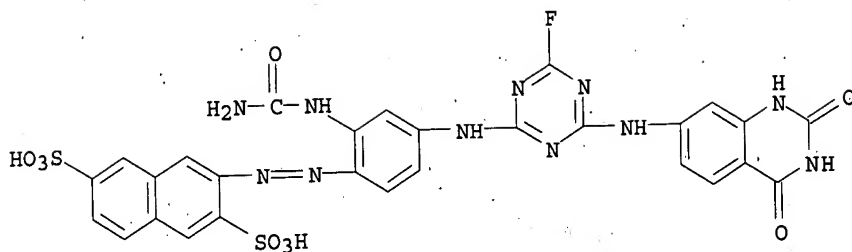
PAGE 1-B



L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
IN 2,6-Naphthalenedisulfonic acid, 3-[[2-[(aminocarbonyl)amino]-4-[[4-fluoro-6-[(1,2,3,4-tetrahydro-2,4-dioxo-7-quinazolinyl)amino]-1,3,5-triazin-2-yl]amino]phenyl]azo]- (9CI)
MF C28 H20 F N11 O9 S2

10040370

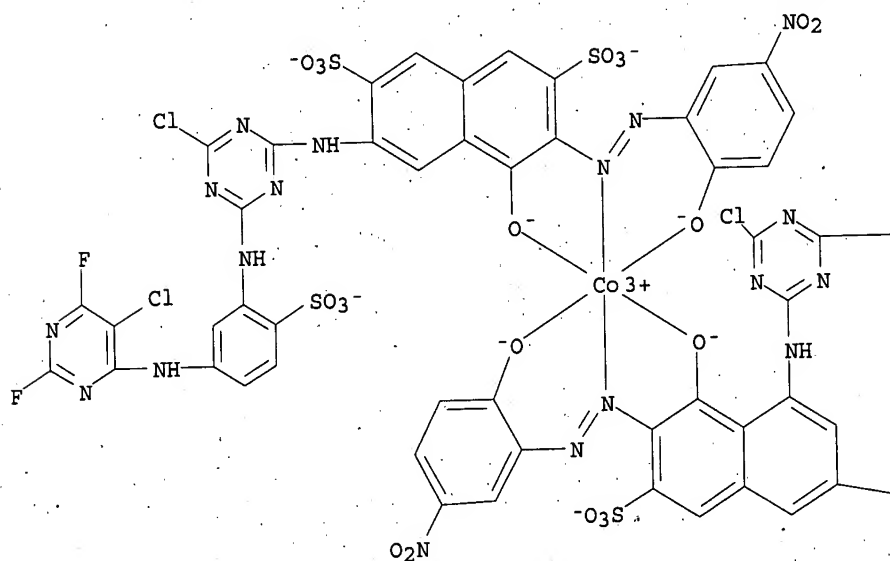
V. Balasubramanian



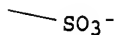
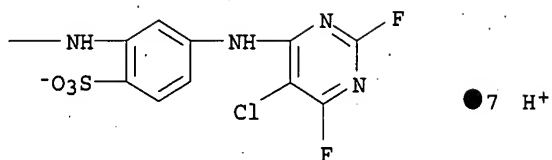
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 33 ANSWERS' REGISTRY COPYRIGHT 2003 ACS
 IN Cobaltate(7-), bis[5-[[4-chloro-6-[[5-[(5-chloro-2,6-difluoro-4-pyrimidinyl)amino]-2-sulfohenyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[(2-hydroxy-5-nitrophenyl)azo]-2,7-naphthalenedisulfonato(5-)]-, heptahydrogen (9CI)
 MF C58 H24 Cl4 Co F4 N22 O26 S6 . 7 H
 CI CCS

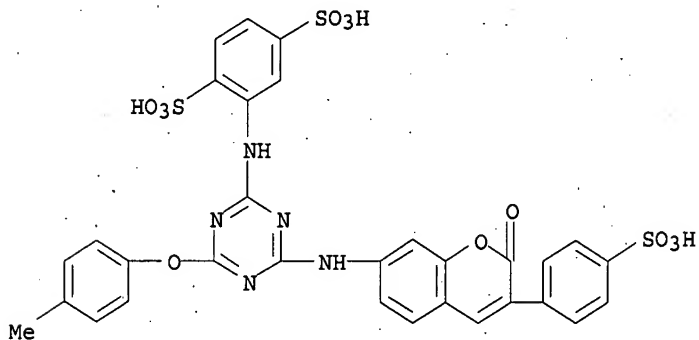
PAGE 1-A



10040370

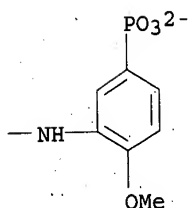
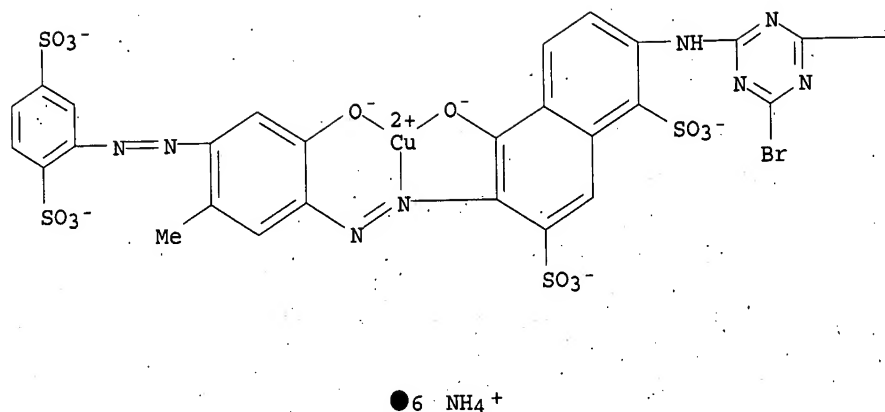


L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,4-Benzenedisulfonic acid, 2-[[4-(4-methylphenoxy)-6-[[2-oxo-3-(4-sulphophenyl)-2H-1-benzopyran-7-yl]amino]-1,3,5-triazin-2-yl]amino]-, trisodium salt (9CI)
 MF C31 H23 N5 O12 S3 . 3 Na



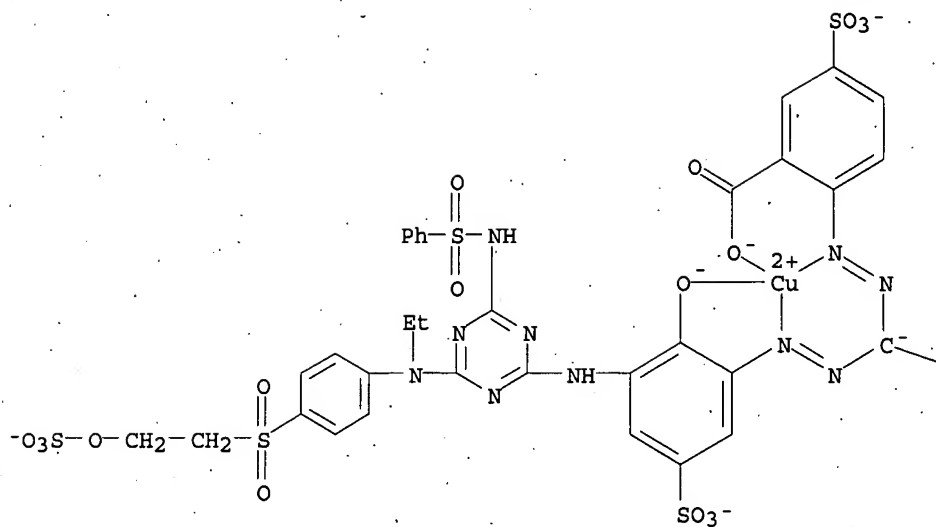
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(6-), [2-[[4-bromo-6-[(2-methoxy-5-phosphonophenyl)amino]-1,3,5-triazin-2-yl]amino]-6-[[4-[(2,5-disulphophenyl)azo]-2-hydroxy-5-methylphenyl]azo]-5-hydroxy-1,7-naphthalenedisulfonato(8-)]-, hexaammonium (9CI)
 MF C33 H19 Br Cu N9 O18 P S4 . 6 H4 N
 CI CCS

10040370



L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Cuprate(4-), [2-[[[3-[[4-[ethyl[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-6-[(phenylsulfonyl)amino]-1,3,5-triazin-2-yl]amino]-2-hydroxy-5-sulfophenyl]azo]phenylmethyl]azo]-5-sulfobenzoato(6-)]-, tetrahydrogen (9CI)
 MF C39 H30 Cu N10 O17 S5 . 4 H
 CI CCS

PAGE 1-A



PAGE 1-B

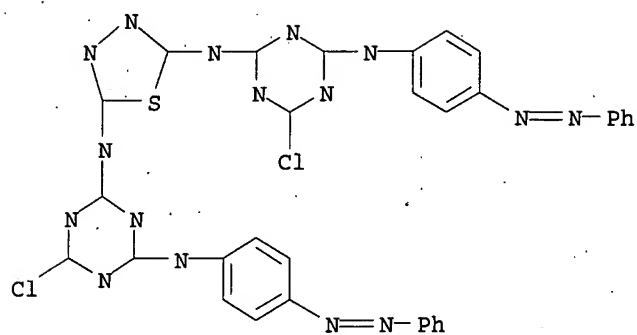
●4 H⁺

Ph

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4-diamine, N,N''-1,3,4-thiadiazole-2,5-diylbis[6-chloro-
 N'-[4-(phenylazo)phenyl]- (9CI)
 MF C32 H22 Cl2 N16 S

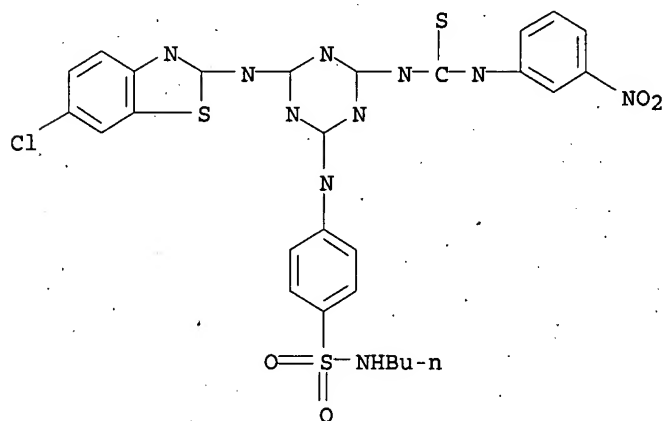
10040370

V. Balasubramanian



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

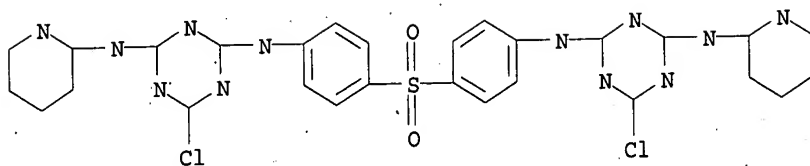
L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN Benzenesulfonamide, N-butyl-4-[[4-[(6-chloro-2-benzothiazolyl)amino]-6-
 [[[3-nitrophenyl)amino]thioxomethyl]amino]-1,3,5-triazin-2-yl]amino]-
 (9CI)
 MF C27 H25 Cl N10 O4 S3



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

L3 33 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1,3,5-Triazine-2,4-diamine, N,N'-(sulfonyldi-4,1-phenylene)bis[6-chloro-
 N'-2-pyridinyl- (9CI)
 MF C28 H20 Cl2 N12 O2 S

V. Balasubramanian



*** FRAGMENT DIAGRAM IS INCOMPLETE ***

ALL ANSWERS HAVE BEEN SCANNED

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

0.80

TOTAL

SESSION

1.01

STN INTERNATIONAL LOGOFF AT 16:32:24 ON 11 JUL 2003

10040370

DIALOG(R) File 351: Derwent WPI
(c) 2001 Derwent Info Ltd. All rts. reserv.

012420062 **Image available**
WPI Acc No: 1999-226170/*199919*
XRAM Acc No: C99-066504

New telomerase inhibitors comprise triazine derivatives - useful as anticancer agents

Patent Assignee: NIPPON KAYAKU KK (NIPK)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11060573	A	19990302	JP 97240260	A	19970822	199919 B

Priority Applications (No Type Date): JP 97240260 A 19970822

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11060573	A	14	C07D-417/12	

Abstract (Basic): JP 11060573 A

New telomerase inhibitors comprise triazine derivatives of formula (I) as effective component. Also claimed are pharmaceuticals (I) or their salts as effective component. R1-R3 = H, optionally substituted 1-16C alkyl, optionally substituted 1-10C alkoxy, halo, hydroxy, sulphonic acid group or carboxylic acid group; R4-R6 = CH, CH2, O, S, N or optionally substituted alkylammonium; X, Y = H, halo, amino, mono- or disubstituted amino, hydroxy, optionally substituted 1-10C alkoxy or optionally substituted phenoxy.

USE - The pharmaceuticals are anticancer agents.

ADVANTAGE - The agents show telomerase inhibition with high specificity.

Dwg. 0/0

Title Terms: NEW; INHIBIT; COMPRISE; TRIAZINE; DERIVATIVE; USEFUL; ANTICANCER; AGENT

Derwent Class: B02; B03

International Patent Class (Main): C07D-417/12

International Patent Class (Additional): A61K-031/53

File Segment: CPI